

*****STN Columbus*****

FILE 'HOME' ENTERED AT 12:20:38 ON 11 SEP 2002

=> file medline

COST IN U.S. DOLLARS SINCE FILE TOTAL

ENTRY SESSION

FULL ESTIMATED COST 0.21 0.21

FILE 'MEDLINE' ENTERED AT 12:20:48 ON 11 SEP 2002

FILE LAST UPDATED: 10 SEP 2002 (20020910/UP). FILE COVERS 1958 TO DATE.

=> s chimera? (p) receptor# (p) coupled

29630 CHIMER?

567901 RECEPTOR#

64162 COUPLED

L1 350 CHIMER? (P) RECEPTOR# (P) COUPLED

=> d 1-350 ti so

L1 ANSWER 1 OF 350 MEDLINE

TI Measurement of changes in fluorescence resonance energy transfer between gonadotropin-releasing hormone receptors in response to agonists.

SO METHODS, (2002 Aug) 27 (4) 333.

Journal code: 9426302. ISSN: 1046-2023.

L1 ANSWER 2 OF 350 MEDLINE

TI The 5' region of the human thromboxane A(2) receptor gene.

SO PROSTAGLANDINS LEUKOTRIENES AND ESSENTIAL FATTY ACIDS, (2002 Jul) 67 (1)

25.

Journal code: 8802730. ISSN: 0952-3278.

L1 ANSWER 3 OF 350 MEDLINE

TI Identification of domains directing specificity of coupling to G-proteins for the melanocortin MC3 and MC4 receptors.

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2002 Aug 30) 277 (35) 31310-7.

Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 4 OF 350 MEDLINE

TI Involvement of HB-EGF and EGF receptor transactivation in TGF-beta-mediated fibronectin expression in mesangial cells.

SO KIDNEY INTERNATIONAL, (2002 Sep) 62 (3) 799-808.

Journal code: 0323470. ISSN: 0085-2538.

L1 ANSWER 5 OF 350 MEDLINE

TI Potent activation of RhoA by Galpha q and Gq-coupled receptors.

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2002 Jul 26) 277 (30) 27130-4.

Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 6 OF 350 MEDLINE

TI The intracellular loops of the GB2 subunit are crucial for G-protein coupling of the heteromeric gamma-aminobutyrate B receptor.

SO MOLECULAR PHARMACOLOGY, (2002 Aug) 62 (2) 343-50.

Journal code: 0035623. ISSN: 0026-895X.

L1 ANSWER 7 OF 350 MEDLINE

TI BDNF activated TrkB/IRR receptor chimera promotes survival of sympathetic neurons through Ras and PI-3 kinase signaling.

SO JOURNAL OF NEUROSCIENCE RESEARCH, (2002 Jul 15) 69 (2) 151-9.

Journal code: 7600111. ISSN: 0360-4012.

L1 ANSWER 8 OF 350 MEDLINE

TI A new technique to co-localise membrane proteins with Homer/vesl.

SO BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, (2002 Jul 19) 295 (3)

756-65.

Journal code: 0372516. ISSN: 0006-291X.

L1 ANSWER 9 OF 350 MEDLINE

TI Coupling of dopamine receptors to G proteins: studies with chimeric D2/D3 dopamine receptors.

SO CELLULAR AND MOLECULAR NEUROBIOLOGY, (2002 Feb) 22 (1) 47-56.

Journal code: 8200709. ISSN: 0272-4340.

L1 ANSWER 10 OF 350 MEDLINE

TI Regulation of the gonadotropin-releasing hormone receptor (GnRHR) by RGS proteins: role of the GnRHR carboxyl-terminus.

SO MOLECULAR AND CELLULAR ENDOCRINOLOGY, (2002 Jun 14) 191 (2) 149-56.

Journal code: 7500844. ISSN: 0303-7207.

L1 ANSWER 11 OF 350 MEDLINE

TI Molecular determinants of human melanocortin-4 receptor responsible for antagonist SHU9119 selective activity.

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2002 Jun 7) 277 (23) 20328-35.

Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 12 OF 350 MEDLINE

TI Global chimeric exchanges within the intracellular face of the bradykinin B2 receptor with corresponding angiotensin II type 1a receptor regions: Generation of fully functional hybrids showing characteristic signaling of the AT1a receptor.

SO JOURNAL OF CELLULAR BIOCHEMISTRY, (2002) 85 (4) 809-19.

Journal code: 8205768. ISSN: 0730-2312.

L1 ANSWER 13 OF 350 MEDLINE

TI The Frizzled-1/beta(2)-adrenergic receptor chimera: pharmacological properties of a unique G protein-linked receptor.

SO NAUNYN-SCHMIEDEBERG ARCHIVES OF PHARMACOLOGY, (2002 May) 365 (5) 341-8.

Journal code: 0326264. ISSN: 0028-1298.

L1 ANSWER 14 OF 350 MEDLINE

TI A NarX-Tar chimera mediates repellent chemotaxis to nitrate and nitrite.

SO MOLECULAR MICROBIOLOGY, (2002 May) 44 (3) 709-19.

Journal code: 8712028. ISSN: 0950-382X.

L1 ANSWER 15 OF 350 MEDLINE

TI Two mutations in extracellular loop 2 of the human GnRH receptor convert an antagonist to an agonist.

SO MOLECULAR ENDOCRINOLOGY, (2002 May) 16 (5) 1079-88.

Journal code: 8801431. ISSN: 0888-8809.

L1 ANSWER 16 OF 350 MEDLINE

TI Intracellular calcium mobilization in response to the activation of human wild-type and chimeric gonadotropin receptors.

SO ENDOCRINOLOGY, (2002 May) 143 (5) 1732-40.

Journal code: 0375040. ISSN: 0013-7227.

L1 ANSWER 17 OF 350 MEDLINE

TI Lysine 270 in the third intracellular domain of the oxytocin receptor is an important determinant for G alpha(q) coupling specificity.

SO MOLECULAR ENDOCRINOLOGY, (2002 Apr) 16 (4) 814-23.

Journal code: 8801431. ISSN: 0888-8809.

L1 ANSWER 18 OF 350 MEDLINE

TI Localization of the human oxytocin receptor in caveolin-1 enriched domains turns the receptor-mediated inhibition of cell growth into a proliferative response.

SO ONCOGENE, (2002 Mar 7) 21 (11) 1658-67.

Journal code: 8711562. ISSN: 0950-9232.

L1 ANSWER 19 OF 350 MEDLINE

TI Inhibition of somatostatin receptor 5-signaling by mammalian regulators of G-protein signaling (RGS) in yeast.

SO BIOCHIMICA ET BIOPHYSICA ACTA, (2002 Jan 30) 1542 (1-3) 95-105.

Journal code: 0217513. ISSN: 0006-3002.

L1 ANSWER 20 OF 350 MEDLINE

TI The ectodomain of the luteinizing hormone receptor interacts with exolooop 2 to constrain the transmembrane region: studies using chimeric human and fly receptors.

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2002 Feb 8) 277 (6) 3958-64.
Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 21 OF 350 MEDLINE

TI Mechanisms for reversible regulation between G13 and Rho exchange factors.
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2002 Jan 11) 277 (2) 1174-81.

Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 22 OF 350 MEDLINE

TI Engineering a V(2) vasopressin receptor agonist- and regulator of G-protein-signaling-sensitive G protein.
SO ANALYTICAL BIOCHEMISTRY, (2002 Jan 15) 300 (2) 212-20.
Journal code: 0370535. ISSN: 0003-2697.

L1 ANSWER 23 OF 350 MEDLINE

TI Searching for neurotransmitters as cognate ligands of orphan G protein-coupled receptor: finding receptor for melanin-concentrating hormone.
SO NIHON SHINKEI SEISHIN YAKURIGAKU ZASSHI, (2001 Sep) 21 (3) 77-82. Ref: 22
Journal code: 9509023. ISSN: 1340-2544.

L1 ANSWER 24 OF 350 MEDLINE

TI Source and component genes of a 6-200 Mb gene cluster in the house mouse.
SO MAMMALIAN GENOME, (2001 Aug) 12 (8) 590-4.
Journal code: 9100916. ISSN: 0938-8990.

L1 ANSWER 25 OF 350 MEDLINE

TI Molecular modelling study of the role of cholesterol in the stimulation of the oxytocin receptor.
SO ACTA BIOCHIMICA POLONICA, (2001) 48 (1) 83-93.
Journal code: 14520300R. ISSN: 0001-527X.

L1 ANSWER 26 OF 350 MEDLINE

TI Molecular basis of differences in (-)(trans)-3,4-dichloro-N-methyl-N-[2-(1-pyrrolidiny)-cyclohexyl]benzeneacetamide-induced desensitization and phosphorylation between human and rat kappa-opioid receptors expressed in Chinese hamster ovary cells.
SO MOLECULAR PHARMACOLOGY, (2002 Jan) 61 (1) 73-84.
Journal code: 0035623. ISSN: 0026-895X.

L1 ANSWER 27 OF 350 MEDLINE

TI Competition for BLyS-mediated signaling through Bcmd/BR3 regulates peripheral B lymphocyte numbers.
SO CURRENT BIOLOGY, (2001 Dec 11) 11 (24) 1986-9.
Journal code: 9107782. ISSN: 0960-9822.

L1 ANSWER 28 OF 350 MEDLINE

TI Ligand-induced signal transduction within heterodimeric GABA(B) receptor.
SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, (2001 Dec 4) 98 (25) 14643-8.
Journal code: 7505876. ISSN: 0027-8424.

L1 ANSWER 29 OF 350 MEDLINE

TI The C terminus of the metabotropic glutamate receptor subtypes 2 and 7 specifies the receptor signaling pathways.
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2001 Dec 7) 276 (49) 45800-5.
Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 30 OF 350 MEDLINE

TI A glucocorticoid/retinoic acid receptor chimera that displays cytoplasmic/nuclear translocation in response to retinoic acid. A real

time sensing assay for nuclear receptor ligands.

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2001 Dec 7) 276 (49) 45501-4.
Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 31 OF 350 MEDLINE

TI Positive allosteric modulators of metabotropic glutamate 1 receptor: characterization, mechanism of action, and binding site.
SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, (2001 Nov 6) 98 (23) 13402-7.
Journal code: 7505876. ISSN: 0027-8424.

L1 ANSWER 32 OF 350 MEDLINE

TI Beta-adrenoceptors: three-dimensional structures and binding sites for ligands.
SO JAPANESE JOURNAL OF PHARMACOLOGY, (2001 Sep) 87 (1) 7-13.
Ref: 41
Journal code: 2983305R. ISSN: 0021-5198.

L1 ANSWER 33 OF 350 MEDLINE

TI Considerations in the design and use of ***chimeric*** G protein-***coupled*** ***receptors***
SO METHODS IN ENZYMOLOGY, (2002) 343 295-312.
Journal code: 0212271. ISSN: 0076-6879.

L1 ANSWER 34 OF 350 MEDLINE

TI A small molecule ligand of the glucagon-like peptide 1 receptor targets its amino-terminal hormone binding domain.
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2001 Oct 12) 276 (41) 37787-93.
Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 35 OF 350 MEDLINE

TI Crystal structure of beta-arrestin at 1.9 Å: possible mechanism of receptor binding and membrane Translocation.
SO Structure (Camb), (2001 Sep) 9 (9) 869-80.
Journal code: 101087697. ISSN: 0969-2126.

L1 ANSWER 36 OF 350 MEDLINE

TI Wnt signaling and heterotrimeric G-proteins: strange bedfellows or a classic romance?
SO BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, (2001 Sep 28) 287 (3) 589-93. Ref: 41
Journal code: 0372516. ISSN: 0006-291X.

L1 ANSWER 37 OF 350 MEDLINE

TI Arrestin specificity for G protein-coupled receptors in human airway smooth muscle.
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2001 Aug 31) 276 (35) 32648-56.
Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 38 OF 350 MEDLINE

TI Intracellular third loops in AT1 and AT2 receptors determine subtype specificity.
SO LIFE SCIENCES, (2001 Jun 22) 69 (5) 509-16.
Journal code: 0375521. ISSN: 0024-3205.

L1 ANSWER 39 OF 350 MEDLINE

TI RasC is required for optimal activation of adenylyl cyclase and Akt/PKB during aggregation.
SO EMBO JOURNAL, (2001 Aug 15) 20 (16) 4490-9.
Journal code: 8208664. ISSN: 0261-4189.

L1 ANSWER 40 OF 350 MEDLINE

TI Identification of a motif in the carboxyl terminus of beta -arrestin2 responsible for activation of JNK3.
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2001 Jul 27) 276 (30) 27770-7.

Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 41 OF 350 MEDLINE

TI Chimeric Galphaq subunits can distinguish the long form of the Xenopus Mel1c melatonin receptor from the mammalian mt1 and MT2 melatonin receptors.

SO JOURNAL OF PINEAL RESEARCH, (2001 Apr) 30 (3) 171-9.
Journal code: 8504412. ISSN: 0742-3098.

L1 ANSWER 42 OF 350 MEDLINE

TI Differential effects of general anesthetics on G protein-coupled inwardly rectifying and other potassium channels.

SO ANESTHESIOLOGY, (2001 Jul) 95 (1) 144-53.
Journal code: 1300217. ISSN: 0003-3022.

L1 ANSWER 43 OF 350 MEDLINE

TI Analysis of parathyroid hormone (PTH)/secretin receptor chimeras differentiates the role of functional domains in the pth/ pth-related peptide (PTHrP) receptor on hormone binding and receptor activation.

SO MOLECULAR ENDOCRINOLOGY, (2001 Jul) 15 (7) 1186-99.
Journal code: 8801431. ISSN: 0888-8809.

L1 ANSWER 44 OF 350 MEDLINE

TI Eicosanoids inhibit the G-protein-gated inwardly rectifying potassium channel (Kir3) at the Na+/PIP2 gating site.

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2001 May 4) 276 (18) 14855-60.
Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 45 OF 350 MEDLINE

TI Casein kinase II sites in the intracellular C-terminal domain of the thyrotropin-releasing hormone receptor and chimeric gonadotropin-releasing hormone receptors contribute to beta-arrestin-dependent internalization.

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2001 May 25) 276 (21) 18066-74.
Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 46 OF 350 MEDLINE

TI Cotranscription and intergenic splicing of human P2Y11 and SSF1 genes.

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2001 May 11) 276 (19) 16561-6.
Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 47 OF 350 MEDLINE

TI ADP is the cognate ligand for the orphan G protein-coupled receptor SP1999.

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2001 Mar 16) 276 (11) 8608-15.
Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 48 OF 350 MEDLINE

TI Delivery of peptides and proteins through the blood-brain barrier.

SO Adv Drug Deliv Rev, (2001 Mar 1) 46 (1-3) 247-79. Ref: 247
Journal code: 8710523. ISSN: 0169-409X.

L1 ANSWER 49 OF 350 MEDLINE

TI Allosteric interactions between GB1 and GB2 subunits are required for optimal GABA(B) receptor function.

SO EMBO JOURNAL, (2001 May 1) 20 (9) 2152-9.
Journal code: 8208664. ISSN: 0261-4189.

L1 ANSWER 50 OF 350 MEDLINE

TI Receptor-Galpa fusion proteins as a tool for ligand screening.

SO LIFE SCIENCES, (2001) 68 (19-20) 2319-27.
Journal code: 0375521. ISSN: 0024-3205.

L1 ANSWER 51 OF 350 MEDLINE

TI Functional cloning and reconstitution of vertebrate odorant receptors.

SO LIFE SCIENCES, (2001) 68 (19-20) 2199-206.
Journal code: 0375521. ISSN: 0024-3205.

L1 ANSWER 52 OF 350 MEDLINE

TI The C-terminal domains of the GABA(b) receptor subunits mediate intracellular trafficking but are not required for receptor signaling.

SO JOURNAL OF NEUROSCIENCE, (2001 Feb 15) 21 (4) 1203-10.
Journal code: 8102140. ISSN: 1529-2401.

L1 ANSWER 53 OF 350 MEDLINE

TI BAY36-7620: a potent non-competitive mGlu1 receptor antagonist with inverse agonist activity.

SO MOLECULAR PHARMACOLOGY, (2001 May) 59 (5) 965-73.
Journal code: 0035623. ISSN: 0026-895X.

L1 ANSWER 54 OF 350 MEDLINE

TI ADP-ribosylation factor-dependent phospholipase D activation by VPAC receptors and a PAC(1) receptor splice variant.

SO MOLECULAR PHARMACOLOGY, (2001 Jun) 59 (6) 1523-32.
Journal code: 0035623. ISSN: 0026-895X.

L1 ANSWER 55 OF 350 MEDLINE

TI Arrestin effects on internalization of vasopressin receptors.

SO MOLECULAR PHARMACOLOGY, (2001 Jun) 59 (6) 1395-401.
Journal code: 0035623. ISSN: 0026-895X.

L1 ANSWER 56 OF 350 MEDLINE

TI Cloning and characterization of a human orphan family C G-protein coupled receptor GPRC5D.

SO BIOCHIMICA ET BIOPHYSICA ACTA, (2001 Apr 16) 1518 (3) 237-48.
Journal code: 0217513. ISSN: 0006-3002.

L1 ANSWER 57 OF 350 MEDLINE

TI Inhibition of a Gi-activated potassium channel (GIRK1/4) by the Gq-coupled m1 muscarinic acetylcholine receptor.

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2001 Feb 23) 276 (8) 5505-10.
Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 58 OF 350 MEDLINE

TI Combined modification of intracellular and extracellular loci on human gonadotropin-releasing hormone receptor provides a mechanism for enhanced expression.

SO ENDOCRINE, (2000 Dec) 13 (3) 401-7.
Journal code: 9434444. ISSN: 0969-711X.

L1 ANSWER 59 OF 350 MEDLINE

TI Probing the mechanism of rhodopsin-catalyzed transducin activation.

SO JOURNAL OF NEUROCHEMISTRY, (2001 Apr) 77 (1) 202-10.
Journal code: 2985190R. ISSN: 0022-3042.

L1 ANSWER 60 OF 350 MEDLINE

TI Receptor/beta-arrestin complex formation and the differential trafficking and resensitization of beta2-adrenergic and angiotensin II type 1A receptors.

SO MOLECULAR ENDOCRINOLOGY, (2000 Dec) 14 (12) 2040-53.
Journal code: 8801431. ISSN: 0888-8809.

L1 ANSWER 61 OF 350 MEDLINE

TI Identification of a basolateral sorting signal for the M3 muscarinic acetylcholine receptor in Madin-Darby canine kidney cells.

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2001 Mar 30) 276 (13) 10539-47.
Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 62 OF 350 MEDLINE

TI Cloning and characterization of a novel human histamine receptor.

SO JOURNAL OF PHARMACOLOGY AND EXPERIMENTAL THERAPEUTICS, (2001 Mar) 296 (3) 1058-66.
Journal code: 0376362. ISSN: 0022-3565.

L1 ANSWER 63 OF 350 MEDLINE

TI A fluorescent reporter assay for the detection of ligands acting through

Gi protein-coupled receptors.
SO JOURNAL OF RECEPTOR AND SIGNAL TRANSDUCTION RESEARCH, (2000 Nov) 20 (4) 189-210.
Journal code: 9509432. ISSN: 1079-9893.

L1 ANSWER 64 OF 350 MEDLINE
TI A role for the integrin alphavbeta8 in the negative regulation of epithelial cell growth.
SO CANCER RESEARCH, (2000 Dec 15) 60 (24) 7084-93.
Journal code: 2984705R. ISSN: 0008-5472.

L1 ANSWER 65 OF 350 MEDLINE
TI A ***chimeric*** reporter gene allowing for clone selection and high-throughput screening of reporter cell lines expressing G-protein-***coupled*** ***receptors***.
SO ANALYTICAL BIOCHEMISTRY, (2001 Jan 15) 288 (2) 209-15.
Journal code: 0370535. ISSN: 0003-2697.

L1 ANSWER 66 OF 350 MEDLINE
TI Characterization of an antibody to the human melatonin mt1 receptor.
SO JOURNAL OF NEUROENDOCRINOLOGY, (2001 Jan) 13 (1) 94-101.
Journal code: 8913461. ISSN: 0953-8194.

L1 ANSWER 67 OF 350 MEDLINE
TI Tyrosine 220 in the 5th transmembrane domain of the neuromedin B receptor is critical for the high selectivity of the peptoid antagonist PD168368.
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2001 Jan 5) 276 (1) 495-504.
Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 68 OF 350 MEDLINE
TI Molecular cloning, expression, functional characterization, chromosomal localization, and gene structure of junctate, a novel integral calcium binding protein of sarco(endo)plasmic reticulum membrane.
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2000 Dec 15) 275 (50) 39555-68.
Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 69 OF 350 MEDLINE
TI Genetic determination of human essential hypertension.
SO TOHOKU JOURNAL OF EXPERIMENTAL MEDICINE, (2000 Sep) 192 (1) 19-33. Ref: 67
Journal code: 0417355. ISSN: 0040-8727.

L1 ANSWER 70 OF 350 MEDLINE
TI Antimicrobial effects of novel siderophores linked to beta-lactam antibiotics.
SO BIOORGANIC AND MEDICINAL CHEMISTRY, (2000 Jan) 8 (1) 73-93.
Journal code: 9413298. ISSN: 0968-0896.

L1 ANSWER 71 OF 350 MEDLINE
TI Single channel studies of inward rectifier potassium channel regulation by muscarinic acetylcholine receptors.
SO JOURNAL OF GENERAL PHYSIOLOGY, (2000 Nov) 116 (5) 645-52.
Journal code: 2985110R. ISSN: 0022-1295.

L1 ANSWER 72 OF 350 MEDLINE
TI Critical role of a subdomain of the N-terminus of the V1a vasopressin receptor for binding agonists but not antagonists; functional rescue by the oxytocin receptor N-terminus.
SO BIOCHEMISTRY, (2000 Nov 7) 39 (44) 13524-33.
Journal code: 0370623. ISSN: 0006-2960.

L1 ANSWER 73 OF 350 MEDLINE
TI Distinct roles of the second and third cytoplasmic loops of bovine rhodopsin in G protein activation.
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2000 Nov 3) 275 (44) 34272-9.
Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 74 OF 350 MEDLINE
TI Cross-chimeric analysis of selectivity of secretin and VPAC(1) receptor activation.
SO JOURNAL OF PHARMACOLOGY AND EXPERIMENTAL THERAPEUTICS, (2000 Nov) 295 (2) 682-8.
Journal code: 0376362. ISSN: 0022-3565.

L1 ANSWER 75 OF 350 MEDLINE
TI P2X(1) ***receptor*** membrane redistribution and down-regulation visualized by using ***receptor*** - ***coupled*** green fluorescent protein ***chimeras***.
SO NEUROPHARMACOLOGY, (2000 Aug 23) 39 (11) 2054-66.
Journal code: 0236217. ISSN: 0028-3908.

L1 ANSWER 76 OF 350 MEDLINE
TI Functions of a rho-specific guanine nucleotide exchange factor in neurite retraction. Possible role of a proline-rich motif of KIAA0380 in localization.
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2000 Sep 22) 275 (38) 29570-8.
Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 77 OF 350 MEDLINE
TI Functional importance of the Ala(116)-Pro(136) region in the calcium-sensing receptor. Constitutive activity and inverse agonism in a family C G-protein-coupled receptor.
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2000 Sep 22) 275 (38) 29547-55.
Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 78 OF 350 MEDLINE
TI Cell-based, high-content screen for receptor internalization, recycling and intracellular trafficking.
SO BIOTECHNIQUES, (2000 Jul) 29 (1) 170-5.
Journal code: 8306785. ISSN: 0736-6205.

L1 ANSWER 79 OF 350 MEDLINE
TI Identification and characterization of two members of a novel class of the interleukin-1 receptor (IL-1R) family. Delineation of a new class of IL-1R-related proteins based on signaling.
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2000 Sep 29) 275 (39) 29946-54.
Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 80 OF 350 MEDLINE
TI Novel human alpha9 acetylcholine receptor regulating keratinocyte adhesion is targeted by Pemphigus vulgaris autoimmunity.
SO AMERICAN JOURNAL OF PATHOLOGY, (2000 Oct) 157 (4) 1377-91.
Journal code: 0370502. ISSN: 0002-9440.

L1 ANSWER 81 OF 350 MEDLINE
TI alpha 2A/alpha 2C-adrenergic ***receptor*** third loop ***chimera*** show that agonist interaction with ***receptor*** subtype backbone establishes G protein- ***coupled*** ***receptor*** kinase phosphorylation.
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2000 Sep 15) 275 (37) 28989-93.
Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 82 OF 350 MEDLINE
TI Regulation of the pituitary somatotroph cell by GHRH and its receptor.
SO RECENT PROGRESS IN HORMONE RESEARCH, (2000) 55 237-66; discussion 266-7.
Ref: 130
Journal code: 0404471. ISSN: 0079-9963.

L1 ANSWER 83 OF 350 MEDLINE
TI Constitutive activation of tethered-peptide/corticotropin-releasing factor receptor chimeras.
SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE

UNITED STATES OF

AMERICA, (2000 Aug 29) 97 (18) 10277-81.
Journal code: 7505876. ISSN: 0027-8424.

L1 ANSWER 84 OF 350 MEDLINE

TI Structure of tuberoinfundibular peptide of 39 residues.

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2000 Sep 1) 275 (35) 27284-90.

Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 85 OF 350 MEDLINE

TI Structural biology of chemokine receptors.

SO BIOLOGICAL RESEARCH, (1999) 32 (4) 263-72. Ref: 56

Journal code: 9308271. ISSN: 0716-9760.

L1 ANSWER 86 OF 350 MEDLINE

TI Coupling efficacy and selectivity of the human mu-opioid receptor expressed as receptor-Galpa fusion proteins in Escherichia coli.

SO JOURNAL OF NEUROCHEMISTRY, (2000 Sep) 75 (3) 1190-9.

Journal code: 2985190R. ISSN: 0022-3042.

L1 ANSWER 87 OF 350 MEDLINE

TI Immediate-early MEK-1-dependent stabilization of rat smooth muscle cell cyclooxygenase-2 mRNA by Galpha(q)-coupled receptor signaling.

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2000 Jul 28) 275 (30) 23012-9.

Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 88 OF 350 MEDLINE

TI Intracellular retention and degradation of the epidermal growth factor receptor, two distinct processes mediated by benzoquinone ansamycins.

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2000 Jul 21) 275 (29) 21850-5.

Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 89 OF 350 MEDLINE

TI Signaling from G protein-coupled receptors to ERK5/Big MAPK 1 involves Galpha q and Galpha 12/13 families of heterotrimeric G proteins. Evidence for the existence of a novel Ras AND Rho-independent pathway.

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2000 Jul 14) 275 (28) 21730-6.

Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 90 OF 350 MEDLINE

TI Chimeric melatonin mt1 and melatonin-related receptors. Identification of domains and residues participating in ligand binding and receptor activation of the melatonin mt1 receptor.

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2000 Jul 7) 275 (27) 20602-9.

Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 91 OF 350 MEDLINE

TI Characterization of a novel sphingosine 1-phosphate receptor, Edg-8.

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2000 May 12) 275 (19) 14281-6.

Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 92 OF 350 MEDLINE

TI Molecular characterization of the ligand-receptor interaction of the neuropeptide Y family.

SO JOURNAL OF PEPTIDE SCIENCE, (2000 Mar) 6 (3) 97-122. Ref: 105

Journal code: 9506309. ISSN: 1075-2617.

L1 ANSWER 93 OF 350 MEDLINE

TI Coupling between the N- and C-terminal domains influences transducin-alpha intrinsic GDP/GTP exchange.

SO BIOCHEMISTRY, (2000 Apr 11) 39 (14) 3937-42.

Journal code: 0370623. ISSN: 0006-2960.

L1 ANSWER 94 OF 350 MEDLINE

TI Gonadotropin-releasing hormone receptor initiates multiple signaling pathways by exclusively coupling to G(q/11) proteins.

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2000 Mar 31) 275 (13) 9193-200.

Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 95 OF 350 MEDLINE

TI A chimeric rat brain P2Y1 receptor tagged with green-fluorescent protein: high-affinity ligand recognition of adenosine diphosphates and triphosphates and selectivity identical to that of the wild-type receptor.

SO BIOCHEMICAL PHARMACOLOGY, (2000 Apr 1) 59 (7) 791-800.

Journal code: 0101032. ISSN: 0006-2952.

L1 ANSWER 96 OF 350 MEDLINE

TI Role for C-tail residues in delta opioid receptor downregulation.

SO DNA AND CELL BIOLOGY, (2000 Feb) 19 (2) 93-101.

Journal code: 9004522. ISSN: 1044-5498.

L1 ANSWER 97 OF 350 MEDLINE

TI Subtype-specific kinetics of inhibitory adenosine receptor internalization are determined by sensitivity to phosphorylation by G protein-coupled receptor kinases.

SO MOLECULAR PHARMACOLOGY, (2000 Mar) 57 (3) 546-52.

Journal code: 0035623. ISSN: 0026-895X.

L1 ANSWER 98 OF 350 MEDLINE

TI Functional heterodimerization of prolactin and growth hormone receptors by ovine placental lactogen.

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2000 Mar 3) 275 (9) 6295-301.

Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 99 OF 350 MEDLINE

TI The nematode leucine-rich repeat-containing, G protein-coupled receptor (LGR) protein homologous to vertebrate gonadotropin and thyrotropin receptors is constitutively active in mammalian cells.

SO MOLECULAR ENDOCRINOLOGY, (2000 Feb) 14 (2) 272-84.

Journal code: 8801431. ISSN: 0888-8809.

L1 ANSWER 100 OF 350 MEDLINE

TI Internalization kinetics of the gonadotropin-releasing hormone (GnRH) receptor.

SO PFLUGERS ARCHIV. EUROPEAN JOURNAL OF PHYSIOLOGY, (2000) 439 (3 Suppl) R19-20.

Journal code: 0154720. ISSN: 0031-6768.

L1 ANSWER 101 OF 350 MEDLINE

TI Insights into ligand pharmacology using receptor-G-protein fusion proteins.

SO TRENDS IN PHARMACOLOGICAL SCIENCES, (2000 Jan) 21 (1) 24-8. Ref: 34

Journal code: 7906158. ISSN: 0165-6147.

L1 ANSWER 102 OF 350 MEDLINE

TI Determination of ligand binding domains of the prostanooid receptors.

SO NIPPON YAKURIGAKU ZASSHI. FOLIA PHARMACOLOGICA JAPONICA, (1999 Oct) 114

Suppl 1 127P-129P.

Journal code: 0420550. ISSN: 0015-5691.

L1 ANSWER 103 OF 350 MEDLINE

TI The G protein alpha subunit has a key role in determining the specificity of coupling to, but not the activation of, G protein-gated inwardly rectifying K(+) channels.

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2000 Jan 14) 275 (2) 921-9.

Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 104 OF 350 MEDLINE

TI Functional coupling of mammalian receptors to the yeast mating pathway using novel yeast/mammalian G protein alpha-subunit chimeras.

SO YEAST, (2000 Jan 15) 16 (1) 11-22.

Journal code: 8607637. ISSN: 0749-503X.

Q P 501 J D

L1 ANSWER 105 OF 350 MEDLINE
 TI Incorporation of Galpha(z)-specific sequence at the carboxyl terminus increases the promiscuity of galpha(16) toward G(i)-coupled receptors.
 SO MOLECULAR PHARMACOLOGY, (2000 Jan) 57 (1) 13-23.
 Journal code: 0035623. ISSN: 0026-895X.

L1 ANSWER 106 OF 350 MEDLINE
 TI High-affinity binding of urocortin and astressin but not CRF to G protein-uncoupled CRFR1.
 SO PEPTIDES, (1999 Nov) 20 (11) 1311-9.
 Journal code: 8008690. ISSN: 0196-9781.

L1 ANSWER 107 OF 350 MEDLINE
 TI The seven amino acids (547-553) of rat glucocorticoid receptor required for steroid and hsp90 binding contain a functionally independent LXXLL motif that is critical for steroid binding.
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1999 Dec 17) 274 (51) 36527-36.
 Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 108 OF 350 MEDLINE
 TI Identification of ligand effector binding sites in transmembrane regions of the human G protein-coupled C3a receptor.
 SO PROTEIN SCIENCE, (1999 Nov) 8 (11) 2304-11.
 Journal code: 9211750. ISSN: 0961-8368. *QP551 P699*

L1 ANSWER 109 OF 350 MEDLINE
 TI Correlation between Ca(2+) oscillation and cell proliferation via CCK(B)/gastrin receptor.
 SO BIOCHIMICA ET BIOPHYSICA ACTA, (1999 Dec 9) 1452 (3) 243-53.
 Journal code: 0217513. ISSN: 0006-3002.

L1 ANSWER 110 OF 350 MEDLINE
 TI Role of transmembrane helix IV in G-protein specificity of the angiotensin II type 1 receptor.
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1999 Dec 10) 274 (50) 35546-52.
 Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 111 OF 350 MEDLINE
 TI The heteromeric GABA-B receptor recognizes G-protein alpha subunit C-termini.
 SO NEUROPHARMACOLOGY, (1999 Nov) 38 (11) 1657-66.
 Journal code: 0236217. ISSN: 0028-3908.

L1 ANSWER 112 OF 350 MEDLINE
 TI G-protein-coupled inwardly rectifying potassium channels are targets of alcohol action.
 SO NATURE NEUROSCIENCE, (1999 Dec) 2 (12) 1084-90.
 Journal code: 9809671. ISSN: 1097-6256.

L1 ANSWER 113 OF 350 MEDLINE
 TI A single negatively charged residue affects the orientation of a membrane protein in the inner membrane of Escherichia coli only when it is located adjacent to a transmembrane domain.
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1999 Nov 19) 274 (47) 33757-63.
 Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 114 OF 350 MEDLINE
 TI Lack of a C-terminal tail in the mammalian gonadotropin-releasing hormone receptor confers resistance to agonist-dependent phosphorylation and rapid desensitization.
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1999 Oct 15) 274 (42) 30146-53.
 Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 115 OF 350 MEDLINE
 TI G protein-linked receptors: pharmacological evidence for the formation of heterodimers.

SO JOURNAL OF PHARMACOLOGY AND EXPERIMENTAL THERAPEUTICS, (1999 Oct) 291 (1) 251-7.

Journal code: 0376362. ISSN: 0022-3565.

L1 ANSWER 116 OF 350 MEDLINE
 TI Ligand-ligand and ligand-receptor approaches to modeling the cannabinoid CB1 and CB2 receptors: achievements and challenges.
 SO CURRENT MEDICINAL CHEMISTRY, (1999 Aug) 6 (8) 665-83. Ref: 141
 Journal code: 9440157. ISSN: 0929-8673.

L1 ANSWER 117 OF 350 MEDLINE
 TI The rate of internalization of the gonadotropin receptors is greatly affected by the origin of the extracellular domain.
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1999 Sep 3) 274 (36) 25426-32.
 Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 118 OF 350 MEDLINE
 TI Importance of the extracellular domain for prostaglandin EP(2) receptor function.
 SO MOLECULAR PHARMACOLOGY, (1999 Sep) 56 (3) 545-51.
 Journal code: 0035623. ISSN: 0026-895X.

L1 ANSWER 119 OF 350 MEDLINE
 TI Simultaneous and independent visualization of the gonadotropin-releasing hormone receptor and its ligand: evidence for independent processing and recycling in living cells.
 SO ENDOCRINOLOGY, (1999 Sep) 140 (9) 4272-80.
 Journal code: 0375040. ISSN: 0013-7227.

L1 ANSWER 120 OF 350 MEDLINE
 TI Cannabinoid receptor interactions with the antagonists SR 141716A and SR 144528.
 SO LIFE SCIENCES, (1999) 65 (6-7) 627-35. Ref: 35
 Journal code: 0375521. ISSN: 0024-3205.

L1 ANSWER 121 OF 350 MEDLINE
 TI Alternative splicing generates a novel isoform of the rat metabotropic GABA(B)R1 receptor.
 SO EUROPEAN JOURNAL OF NEUROSCIENCE, (1999 Aug) 11 (8) 2874-82.
 Journal code: 8918110. ISSN: 0953-816X.

L1 ANSWER 122 OF 350 MEDLINE
 TI [Mechanisms of polarized targeting of the FSH receptor].
 Mecanismes de l'adressage polarise du recepteur de la FSH.
 SO JOURNAL DE LA SOCIETE DE BIOLOGIE, (1999) 193 (2) 139-45.
 Journal code: 100890617.

L1 ANSWER 123 OF 350 MEDLINE
 TI Secretagogue-triggered transfer of membrane proteins from neuroendocrine secretory granules to synaptic-like microvesicles.
 SO MOLECULAR BIOLOGY OF THE CELL, (1999 Aug) 10 (8) 2619-30.
 Journal code: 9201390. ISSN: 1059-1524.

L1 ANSWER 124 OF 350 MEDLINE
 TI Preservation of Gi coupling of a chimeric EP3/I-type prostaglandin (IP) receptor.
 SO BIOCHEMICAL PHARMACOLOGY, (1999 Aug 1) 58 (3) 471-6.
 Journal code: 0101032. ISSN: 0006-2952.

L1 ANSWER 125 OF 350 MEDLINE
 TI Functional expression of rat VPAC1 receptor in Saccharomyces cerevisiae.
 SO RECEPTORS AND CHANNELS, (1999) 6 (4) 271-81.
 Journal code: 9315376. ISSN: 1060-6823.

L1 ANSWER 126 OF 350 MEDLINE
 TI Mutagenesis of CXCR4 identifies important domains for human immunodeficiency virus type 1 X4 isolate envelope-mediated membrane fusion and virus entry and reveals cryptic coreceptor activity for R5 isolates.
 SO JOURNAL OF VIROLOGY, (1999 Aug) 73 (8) 6598-609.

Journal code: 0113724. ISSN: 0022-538X.

L1 ANSWER 127 OF 350 MEDLINE

TI The carboxyl tail of protease-activated receptor-1 is required for chemotaxis. Correlation of signal termination and directional migration.
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1999 Jul 16) 274 (29) 20178-84.

Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 128 OF 350 MEDLINE

TI Two cytoplasmic loops of the glucagon receptor are required to elevate cAMP or intracellular calcium.
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1999 Jul 2) 274 (27) 19455-64.

Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 129 OF 350 MEDLINE

TI Differential pharmacological properties and signal transduction of the sphingosine 1-phosphate receptors EDG-1, EDG-3, and EDG-5.
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1999 Jul 2) 274 (27) 18997-9002.

Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 130 OF 350 MEDLINE

TI A peptide agonist acts by occupation of a monomeric G protein-coupled receptor: dual sites of covalent attachment to domains near TM1 and TM7 of the same molecule make biologically significant domain-swapped dimerization unlikely.
SO JOURNAL OF MEDICINAL CHEMISTRY, (1999 Jun 17) 42 (12) 2105-11.

Journal code: 9716531. ISSN: 0022-2623.

L1 ANSWER 131 OF 350 MEDLINE

TI The agonist-binding domain of the calcium-sensing receptor is located at the amino-terminal domain.
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1999 Jun 25) 274 (26) 18382-6.

Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 132 OF 350 MEDLINE

TI ***Chimeric*** G proteins allow a high-throughput signaling assay of Gi- ***coupled*** ***receptors***.
SO ANALYTICAL BIOCHEMISTRY, (1999 Jun 1) 270 (2) 242-8.

Journal code: 0370535. ISSN: 0003-2697.

L1 ANSWER 133 OF 350 MEDLINE

TI Tyrosine kinase Pyk2 mediates G-protein-coupled receptor regulation of the Ewing sarcoma RNA-binding protein EWS.
SO CURRENT BIOLOGY, (1999 May 6) 9 (9) 485-8.

Journal code: 9107782. ISSN: 0960-9822.

L1 ANSWER 134 OF 350 MEDLINE

TI Two amino acids within the alpha4 helix of Galphai1 mediate coupling with 5-hydroxytryptamine1B receptors.
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1999 May 21) 274 (21) 14963-71.

Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 135 OF 350 MEDLINE

TI Creation of ecdysone receptor chimeras in plants for controlled regulation of gene expression.
SO MOLECULAR AND GENERAL GENETICS, (1999 Apr) 261 (3) 546-52.

Journal code: 0125036. ISSN: 0026-8925.

L1 ANSWER 136 OF 350 MEDLINE

TI Fusion of the binding domain of Raf-1 kinase with green fluorescent protein for activated Ras detection by fluorescence correlation spectroscopy.
SO PHARMAZIE, (1999 Apr) 54 (4) 263-8.

Journal code: 9800766. ISSN: 0031-7144.

L1 ANSWER 137 OF 350 MEDLINE

TI Pancreatic cancer cells express interleukin-13 and -4 receptors, and their growth is inhibited by Pseudomonas exotoxin coupled to interleukin-13 and -4.

SO ANTICANCER RESEARCH, (1999 Jan-Feb) 19 (1A) 125-31.
Journal code: 8102988. ISSN: 0250-7005.

L1 ANSWER 138 OF 350 MEDLINE

TI Transduction of intracellular calcium signals through G protein-mediated activation of phospholipase C by recombinant sphingosine 1-phosphate receptors.
SO MOLECULAR PHARMACOLOGY, (1999 May) 55 (5) 787-94.

Journal code: 0035623. ISSN: 0026-895X.

L1 ANSWER 139 OF 350 MEDLINE

TI Identification of a potassium channel site that interacts with G protein betagamma subunits to mediate agonist-induced signaling.
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1999 Apr 30) 274 (18) 12517-24.

Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 140 OF 350 MEDLINE

TI Effects of reciprocal chimeras between the C-terminal portion of third intracellular loops of the human dopamine D2 and D3 receptors.
SO FEBS LETTERS, (1999 Mar 26) 447 (2-3) 251-6.

Journal code: 0155157. ISSN: 0014-5793.

L1 ANSWER 141 OF 350 MEDLINE

TI Recombinant immunotoxins directed against the c-erb-2/HER2/neu oncogene product: in vitro cytotoxicity, pharmacokinetics, and in vivo efficacy studies in xenograft models.
SO CLINICAL CANCER RESEARCH, (1999 Apr) 5 (4) 865-74.

Journal code: 9502500. ISSN: 1078-0432.

L1 ANSWER 142 OF 350 MEDLINE

TI Functional dissection of CCR5 coreceptor function through the use of CD4-independent simian immunodeficiency virus strains.
SO JOURNAL OF VIROLOGY, (1999 May) 73 (5) 4062-73.

Journal code: 0113724. ISSN: 0022-538X.

L1 ANSWER 143 OF 350 MEDLINE

TI Cellular trafficking of G protein-coupled receptor/beta-arrestin endocytic complexes.
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1999 Apr 16) 274 (16) 10999-1006.

Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 144 OF 350 MEDLINE

TI Ligand-induced trafficking of the sphingosine-1-phosphate receptor EDG-1.
SO MOLECULAR BIOLOGY OF THE CELL, (1999 Apr) 10 (4) 1179-90.

Journal code: 9201390. ISSN: 1059-1524.

L1 ANSWER 145 OF 350 MEDLINE

TI A molecular mechanism for supersensitization of adenylyl cyclase system in cloned opioid receptor-transfected cells following sustained opioid treatment.
SO NIPPON YAKURIGAKU ZASSHI. FOLIA PHARMACOLOGICA JAPONICA, (1998 Oct) 112 Suppl 1 78P-82P.

Journal code: 0420550. ISSN: 0015-5691.

L1 ANSWER 146 OF 350 MEDLINE

TI Heparin-binding EGF-like growth factor interacts with mouse blastocysts independently of ErbB1: a possible role for heparan sulfate proteoglycans and ErbB4 in blastocyst implantation.
SO DEVELOPMENT, (1999 May) 126 (9) 1997-2005.

Journal code: 8701744. ISSN: 0950-1991.

L1 ANSWER 147 OF 350 MEDLINE

TI Domains determining ligand specificity for Ca²⁺ receptors.
SO MOLECULAR PHARMACOLOGY, (1999 Apr) 55 (4) 642-8.

Journal code: 0035623. ISSN: 0026-895X.

- L1 ANSWER 148 OF 350 MEDLINE
 TI Molecular mapping of epitopes involved in ligand activation of the human receptor for the neuropeptide, VIP, based on hybrids with the human secretin receptor.
 SO JOURNAL OF MOLECULAR NEUROSCIENCE, (1998 Oct) 11 (2) 127-34.
 Journal code: 9002991. ISSN: 0895-8696.
- L1 ANSWER 149 OF 350 MEDLINE
 TI Role of the second extracellular loop of human C3a receptor in agonist binding and receptor function.
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1999 Apr 2) 274 (14) 9721-8.
 Journal code: 2985121R. ISSN: 0021-9258.
- L1 ANSWER 150 OF 350 MEDLINE
 TI Chimeric dopamine D2/angiotensin AT1 receptors: role of the length of third intracellular loop of D2 receptors in conferring specificity of receptor binding and G-protein coupling.
 SO CHUNG-KUO YAO LI HSUEH PAO [ACTA PHARMACOLOGICA SINICA], (1997 May) 18 (3) 209-13.
 Journal code: 8100330. ISSN: 0253-9756.
- L1 ANSWER 151 OF 350 MEDLINE
 TI Stimulation of phospholipase C by the cloned mu, delta and kappa opioid receptors via chimeric G alpha(q) mutants.
 SO EUROPEAN JOURNAL OF NEUROSCIENCE, (1999 Feb) 11 (2) 383-8.
 Journal code: 8918110. ISSN: 0953-816X.
- L1 ANSWER 152 OF 350 MEDLINE
 TI Molecular aspects of vasopressin receptor function.
 SO ADVANCES IN EXPERIMENTAL MEDICINE AND BIOLOGY, (1998) 449 347-58.
 Journal code: 0121103. ISSN: 0065-2598.
- L1 ANSWER 153 OF 350 MEDLINE
 TI A bidirectional phage display vector for the selection and mass transfer of polyclonal antibody libraries.
 SO JOURNAL OF IMMUNOLOGICAL METHODS, (1999 Jan 1) 222 (1-2) 45-57.
 Journal code: 1305440. ISSN: 0022-1759.
- L1 ANSWER 154 OF 350 MEDLINE
 TI Black widow spider alpha-latrotoxin: a presynaptic neurotoxin that shares structural homology with the glucagon-like peptide-1 family of insulin secretagogic hormones.
 SO COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY. PART B, BIOCHEMISTRY AND MOLECULAR BIOLOGY, (1998 Oct) 121 (2) 177-84.
 Journal code: 9516061. ISSN: 1096-4959.
- L1 ANSWER 155 OF 350 MEDLINE
 TI Galphai is not required for chemotaxis mediated by Gi-coupled receptors.
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1999 Jan 29) 274 (5) 2824-8.
 Journal code: 2985121R. ISSN: 0021-9258.
- L1 ANSWER 156 OF 350 MEDLINE
 TI The role of the fourth extracellular domain of the rat corticotropin-releasing factor receptor type 1 in ligand binding.
 SO EUROPEAN JOURNAL OF BIOCHEMISTRY, (1999 Jan) 259 (1-2) 55-62.
 Journal code: 0107600. ISSN: 0014-2956.
- L1 ANSWER 157 OF 350 MEDLINE
 TI Adenovirus-mediated regulable target gene expression in vivo.
 SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, (1999 Jan 19) 96 (2) 355-60.
 Journal code: 7505876. ISSN: 0027-8424.
- L1 ANSWER 158 OF 350 MEDLINE
 TI The cytoplasmic tails of protease-activated receptor-1 and substance P receptor specify sorting to lysosomes versus recycling.
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1999 Jan 22) 274 (4) 2216-24.
 Journal code: 2985121R. ISSN: 0021-9258.
- L1 ANSWER 159 OF 350 MEDLINE
 TI Mechanism of constitutive activation of the AT1 receptor: influence of the size of the agonist switch binding residue Asn(111).
 SO BIOCHEMISTRY, (1998 Nov 10) 37 (45) 15791-8.
 Journal code: 0370623. ISSN: 0006-2960.
- L1 ANSWER 160 OF 350 MEDLINE
 TI Agonist-mediated destabilization of human beta1-adrenergic receptor mRNA: role of the 3' untranslated translated region.
 SO BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, (1998 Nov 18) 252 (2) 357-62.
 Journal code: 0372516. ISSN: 0006-291X.
- L1 ANSWER 161 OF 350 MEDLINE
 TI An anti-CD19 antibody coupled to a tetanus toxin peptide induces efficient Fas ligand (FasL)-mediated cytotoxicity of a transformed human B cell line by specific CD4+ T cells.
 SO CLINICAL AND EXPERIMENTAL IMMUNOLOGY, (1998 Nov) 114 (2) 173-8.
 Journal code: 0057202. ISSN: 0009-9104.
- L1 ANSWER 162 OF 350 MEDLINE
 TI Termination of signaling by protease-activated receptor-1 is linked to lysosomal sorting.
 SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, (1998 Nov 10) 95 (23) 13698-702.
 Journal code: 7505876. ISSN: 0027-8424.
- L1 ANSWER 163 OF 350 MEDLINE
 TI The unique exon 10 of the human luteinizing hormone receptor is necessary for expression of the receptor protein at the plasma membrane in the human luteinizing hormone receptor, but deleterious when inserted into the human follicle-stimulating hormone receptor.
 SO MOLECULAR AND CELLULAR ENDOCRINOLOGY, (1998 Jul 25) 142 (1-2) 165-74.
 Journal code: 7500844. ISSN: 0303-7207.
- L1 ANSWER 164 OF 350 MEDLINE
 TI Antagonist binding profile of the split chimeric muscarinic m2-trunc/m3-tail receptor.
 SO EUROPEAN JOURNAL OF PHARMACOLOGY, (1998 Aug 21) 355 (2-3) 267-74.
 Journal code: 1254354. ISSN: 0014-2999.
- L1 ANSWER 165 OF 350 MEDLINE
 TI Extreme C terminus of G protein alpha-subunits contains a site that discriminates between Gi-coupled metabotropic glutamate receptors.
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1998 Oct 2) 273 (40) 25765-9.
 Journal code: 2985121R. ISSN: 0021-9258.
- L1 ANSWER 166 OF 350 MEDLINE
 TI Regulation of myogenesis by fibroblast growth factors requires beta-gamma subunits of pertussis toxin-sensitive G proteins.
 SO MOLECULAR AND CELLULAR BIOLOGY, (1998 Oct) 18 (10) 5780-7.
 Journal code: 8109087. ISSN: 0270-7306.
- L1 ANSWER 167 OF 350 MEDLINE
 TI RRR-alpha-tocopheryl succinate induction of prolonged activation of c-jun amino-terminal kinase and c-jun during induction of apoptosis in human MDA-MB-435 breast cancer cells.
 SO MOLECULAR CARCINOGENESIS, (1998 Aug) 22 (4) 247-57.
 Journal code: 8811105. ISSN: 0899-1987.

L1 ANSWER 168 OF 350 MEDLINE
 TI Classification and identification of proteins by means of common and specific amino acid n-tuples in unaligned sequences.
 SO COMPUTER METHODS AND PROGRAMS IN BIOMEDICINE, (1998 Jun) 56 (3) 221-33.
 Journal code: 8506513. ISSN: 0169-2607.

L1 ANSWER 169 OF 350 MEDLINE
 TI Selective activation of a chimeric Gi1/Gs G protein alpha subunit by the human IP prostanoid receptor: analysis using agonist stimulation of high affinity GTPase activity and [35S]guanosine-5'-O-(3-thio)triphosphate binding.
 SO MOLECULAR PHARMACOLOGY, (1998 Aug) 54 (2) 249-57.
 Journal code: 0035623. ISSN: 0026-895X.

L1 ANSWER 170 OF 350 MEDLINE
 TI Molecular characterization, pharmacological properties and chromosomal localization of the human GALR2 galanin receptor.
 SO BRAIN RESEARCH. MOLECULAR BRAIN RESEARCH, (1998 Jul 15) 58 (1-2) 156-69.
 Journal code: 8908640. ISSN: 0169-328X.

L1 ANSWER 171 OF 350 MEDLINE
 TI The N-terminal extracellular segments of the chemokine receptors CCR1 and CCR3 are determinants for MIP-1alpha and eotaxin binding, respectively, but a second domain is essential for efficient receptor activation.
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1998 Aug 7) 273 (32) 19972-6.
 Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 172 OF 350 MEDLINE
 TI Chimeric melanocortin MC1 and MC3 receptors: identification of domains participating in binding of melanocyte-stimulating hormone peptides.
 SO MOLECULAR PHARMACOLOGY, (1998 Jul) 54 (1) 154-61.
 Journal code: 0035623. ISSN: 0026-895X.

L1 ANSWER 173 OF 350 MEDLINE
 TI The endothelin subtype A receptor undergoes agonist- and antagonist-mediated internalization in the absence of signaling.
 SO ENDOCRINOLOGY, (1998 Jul) 139 (7) 3185-92.
 Journal code: 0375040. ISSN: 0013-7227.

L1 ANSWER 174 OF 350 MEDLINE
 TI Structure and function of the pertussis-toxin-insensitive Gz protein.
 SO BIOLOGICAL SIGNALS AND RECEPTORS, (1998 Mar-Apr) 7 (2) 80-9.
 Ref: 67
 Journal code: 9808792. ISSN: 1422-4933.

L1 ANSWER 175 OF 350 MEDLINE
 TI Gastrin induces phosphorylation of eIF4E binding protein 1 and translation initiation of ornithine decarboxylase mRNA.
 SO ONCOGENE, (1998 Apr 30) 16 (17) 2219-27.
 Journal code: 8711562. ISSN: 0950-9232.

L1 ANSWER 176 OF 350 MEDLINE
 TI Different domains of the ORL1 and kappa-opioid receptors are involved in recognition of nociceptin and dynorphin A.
 SO FEBS LETTERS, (1998 May 8) 427 (2) 296-300.
 Journal code: 0155157. ISSN: 0014-5793.

L1 ANSWER 177 OF 350 MEDLINE
 TI Identification of binding domains of the growth hormone-releasing hormone receptor by analysis of mutant and chimeric receptor proteins.
 SO MOLECULAR ENDOCRINOLOGY, (1998 May) 12 (5) 750-65.
 Journal code: 8801431. ISSN: 0888-8809.

L1 ANSWER 178 OF 350 MEDLINE
 TI Rationale for the use of immunotoxins in the treatment of HIV-infected humans.
 SO JOURNAL OF DRUG TARGETING, (1998) 5 (2) 75-91. Ref: 108
 Journal code: 9312476. ISSN: 1061-186X.

L1 ANSWER 179 OF 350 MEDLINE
 TI Switching of chemoattractant receptors programs development and morphogenesis in Dictyostelium: receptor subtypes activate common responses at different agonist concentrations.
 SO DEVELOPMENTAL BIOLOGY, (1998 May 1) 197 (1) 117-28.
 Journal code: 0372762. ISSN: 0012-1606.

L1 ANSWER 180 OF 350 MEDLINE
 TI Endocytic clathrin-coated pit formation is independent of receptor internalization signal levels.
 SO MOLECULAR BIOLOGY OF THE CELL, (1998 May) 9 (5) 1177-94.
 Journal code: 9201390. ISSN: 1059-1524.

L1 ANSWER 181 OF 350 MEDLINE
 TI Gonadotropin-releasing hormone receptors with intracellular carboxyl-terminal tails undergo acute desensitization of total inositol phosphate production and exhibit accelerated internalization kinetics.
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1998 May 8) 273 (19) 11472-7.
 Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 182 OF 350 MEDLINE
 TI Identification of residues in the neuronal alpha7 acetylcholine receptor that confer selectivity for conotoxin ImI.
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1998 May 1) 273 (18) 11001-6.
 Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 183 OF 350 MEDLINE
 TI The G protein-coupling profile of metabotropic glutamate receptors, as determined with exogenous G proteins, is independent of their ligand recognition domain.
 SO MOLECULAR PHARMACOLOGY, (1998 Apr) 53 (4) 778-86.
 Journal code: 0035623. ISSN: 0026-895X.

L1 ANSWER 184 OF 350 MEDLINE
 TI The third extracellular loop of the beta2-adrenergic receptor can modulate receptor/G protein affinity.
 SO MOLECULAR PHARMACOLOGY, (1998 Mar) 53 (3) 524-9.
 Journal code: 0035623. ISSN: 0026-895X.

L1 ANSWER 185 OF 350 MEDLINE
 TI An invertebrate G-protein ***coupled*** ***receptor*** is a ***chimeric*** cannabinoid/melanocortin ***receptor***.
 SO BRAIN RESEARCH, (1998 Jan 5) 780 (1) 170-3.
 Journal code: 0045503. ISSN: 0006-8993.

L1 ANSWER 186 OF 350 MEDLINE
 TI Novel galanin receptor ligands.
 SO JOURNAL OF PEPTIDE RESEARCH, (1998 Jan) 51 (1) 65-74.
 Journal code: 9707067. ISSN: 1397-002X.

L1 ANSWER 187 OF 350 MEDLINE
 TI Transmembrane residues together with the amino terminus limit the response of the parathyroid hormone (PTH) 2 receptor to PTH-related peptide.
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1998 Feb 13) 273 (7) 3830-7.
 Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 188 OF 350 MEDLINE
 TI Functional analysis by imaging of melanophore pigment dispersion of chimeric receptors constructed by recombinant polymerase chain reaction.
 SO BRAIN RESEARCH. BRAIN RESEARCH PROTOCOLS, (1997 Dec 1) 2 (1) 59-68.
 Journal code: 9716650. ISSN: 1385-299X.

L1 ANSWER 189 OF 350 MEDLINE
 TI A cluster of basic residues in the carboxyl-terminal tail of the short metabotropic glutamate receptor 1 variants impairs their coupling to phospholipase C.
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1998 Jan 2) 273 (1) 425-32.

Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 190 OF 350 MEDLINE

TI Localization of agonist- and antagonist-binding domains of human corticotropin-releasing factor receptors.

SO MOLECULAR ENDOCRINOLOGY, (1997 Dec) 11 (13) 2048-53.
Journal code: 8801431. ISSN: 0888-8809.

L1 ANSWER 191 OF 350 MEDLINE

TI Cloning and expressional characterization of a novel galanin receptor. Identification of different pharmacophores within galanin for the three galanin receptor subtypes.

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1997 Dec 19) 272 (51) 31949-52.

Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 192 OF 350 MEDLINE

TI Efficient signal transduction by a chimeric yeast-mammalian G protein alpha subunit Gpa1-Gsalph covalently fused to the yeast receptor Ste2.

SO EMBO JOURNAL, (1997 Dec 15) 16 (24) 7241-9.
Journal code: 8208664. ISSN: 0261-4189.

L1 ANSWER 193 OF 350 MEDLINE

TI Mode matches and their locations in the hydrophobic free energy sequences of peptide ligands and their receptor eigenfunctions.

SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, (1997 Dec 9) 94 (25) 13576-81. Ref: 73
Journal code: 7505876. ISSN: 0027-8424.

L1 ANSWER 194 OF 350 MEDLINE

TI Neutrophil Fc gamma and complement receptors involved in binding soluble IgG immune complexes and in specific granule release induced by soluble IgG immune complexes.

SO EUROPEAN JOURNAL OF IMMUNOLOGY, (1997 Oct) 27 (10) 2514-23.
Journal code: 1273201. ISSN: 0014-2980.

L1 ANSWER 195 OF 350 MEDLINE

TI Functional expression of olfactory-adrenergic receptor chimeras and intracellular retention of heterologously expressed olfactory receptors.

SO BRAIN RESEARCH. MOLECULAR BRAIN RESEARCH, (1997 Sep) 48 (2) 270-8.
Journal code: 8908640. ISSN: 0169-328X.

L1 ANSWER 196 OF 350 MEDLINE

TI Human IgG2 variants of chimeric anti-CD3 are nonmitogenic to T cells.

SO JOURNAL OF IMMUNOLOGY, (1997 Oct 1) 159 (7) 3613-21.
Journal code: 2985117R. ISSN: 0022-1767.

L1 ANSWER 197 OF 350 MEDLINE

TI Co-expression of defective luteinizing hormone receptor fragments partially reconstitutes ligand-induced signal generation.

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1997 Oct 3) 272 (40) 25006-12.
Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 198 OF 350 MEDLINE

TI Molecular structure of the human gonadotropin-releasing hormone receptor gene.

SO EUROPEAN JOURNAL OF ENDOCRINOLOGY, (1997 Aug) 137 (2) 183-92.
Journal code: 9423848. ISSN: 0804-4643.

L1 ANSWER 199 OF 350 MEDLINE

TI High potency antagonists of the pancreatic glucagon-like peptide-1 receptor.

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1997 Aug 22) 272 (34) 21201-6.
Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 200 OF 350 MEDLINE

TI Pharmacological sequestration of a chimeric beta 3/beta 2 adrenergic receptor occurs without a corresponding amount of receptor internalization.

SO RECEPTORS AND SIGNAL TRANSDUCTION, (1996) 6 (3-4) 151-63.
Journal code: 9617134. ISSN: 1087-8475.

L1 ANSWER 201 OF 350 MEDLINE

TI Amphiregulin antisense oligonucleotide inhibits the growth of T3M4 human pancreatic cancer cells and sensitizes the cells to EGF receptor-targeted therapy.

SO INTERNATIONAL JOURNAL OF CANCER, (1997 Jul 29) 72 (3) 512-7.
Journal code: 0042124. ISSN: 0020-7136.

L1 ANSWER 202 OF 350 MEDLINE

TI The amino-terminal domain of the CCR2 chemokine receptor acts as coreceptor for HIV-1 infection.

SO JOURNAL OF CLINICAL INVESTIGATION, (1997 Aug 1) 100 (3) 497-502.
Journal code: 7802877. ISSN: 0021-9738.

L1 ANSWER 203 OF 350 MEDLINE

TI Both overlapping and distinct signaling pathways for somatostatin receptor subtypes SSTR1 and SSTR2 in pituitary cells.

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1997 Jul 25) 272 (30) 18666-72.
Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 204 OF 350 MEDLINE

TI Vasoactive intestinal polypeptide and pituitary adenylate cyclase-activating polypeptide receptor chimeras reveal domains that determine specificity of vasoactive intestinal polypeptide binding and activation.

SO MOLECULAR PHARMACOLOGY, (1997 Jul) 52 (1) 128-35.
Journal code: 0035623. ISSN: 0026-895X.

L1 ANSWER 205 OF 350 MEDLINE

TI Role of amino- and carboxyl-terminal regions of G(alphaZ) in the recognition of Gi-coupled receptors.

SO MOLECULAR PHARMACOLOGY, (1997 Jul) 52 (1) 38-45.
Journal code: 0035623. ISSN: 0026-895X.

L1 ANSWER 206 OF 350 MEDLINE

TI Role of the amino terminus of the third intracellular loop in agonist-promoted downregulation of the alpha2A-adrenergic receptor.

SO BIOCHEMISTRY, (1997 Jul 22) 36 (29) 8858-63.
Journal code: 0370623. ISSN: 0006-2960.

L1 ANSWER 207 OF 350 MEDLINE

TI Interaction of arrestins with intracellular domains of muscarinic and alpha2-adrenergic receptors.

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1997 Jul 11) 272 (28) 17836-42.
Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 208 OF 350 MEDLINE

TI Identification and reconstruction of the binding site within alphaMbeta2 for a specific and high affinity ligand, NIF.

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1997 Jul 11) 272 (28) 17558-64.
Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 209 OF 350 MEDLINE

TI Chimeric strategies for the rational design of bioactive analogs of small peptide hormones.

SO FASEB JOURNAL, (1997 Jun) 11 (7) 582-90.
Journal code: 8804484. ISSN: 0892-6638.

L1 ANSWER 210 OF 350 MEDLINE

TI Expression of human muscarinic cholinergic receptors in tobacco.

SO PLANT MOLECULAR BIOLOGY, (1997 May) 34 (2) 357-62.
Journal code: 9106343. ISSN: 0167-4412.

- L1 ANSWER 211 OF 350 MEDLINE
 TI N-acetylaspartylglutamate selectively activates mGluR3 receptors in transfected cells.
 SO JOURNAL OF NEUROCHEMISTRY, (1997 Jul) 69 (1) 174-81.
 Journal code: 2985190R. ISSN: 0022-3042.
- L1 ANSWER 212 OF 350 MEDLINE
 TI Conserved alpha-helical segments on yeast homologs of the synaptobrevin/VAMP family of v-SNAREs mediate exocytic function.
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1997 Jun 27) 272 (26) 16591-8.
 Journal code: 2985121R. ISSN: 0021-9258.
- L1 ANSWER 213 OF 350 MEDLINE
 TI Visualization of G protein-coupled receptor trafficking with the aid of the green fluorescent protein. Endocytosis and recycling of cholecystikinin receptor type A.
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1997 Jun 6) 272 (23) 14817-24.
 Journal code: 2985121R. ISSN: 0021-9258.
- L1 ANSWER 214 OF 350 MEDLINE
 TI First intracellular loop of the human cholecystikinin-A receptor is essential for cyclic AMP signaling in transfected HEK-293 cells.
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1997 Apr 4) 272 (14) 9037-42.
 Journal code: 2985121R. ISSN: 0021-9258.
- L1 ANSWER 215 OF 350 MEDLINE
 TI Pathways and roadblocks in muscarinic receptor-mediated growth regulation.
 SO LIFE SCIENCES, (1997) 60 (13-14) 1077-84. Ref: 49
 Journal code: 0375521. ISSN: 0024-3205.
- L1 ANSWER 216 OF 350 MEDLINE
 TI The thrombin ***receptor*** second cytoplasmic loop confers coupling to Gq-like G proteins in ***chimeric*** ***receptors*** .
 Additional evidence for a common transmembrane signaling and G protein coupling mechanism in G protein- ***coupled*** ***receptors*** .
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1997 Mar 14) 272 (11) 6898-902.
 Journal code: 2985121R. ISSN: 0021-9258.
- L1 ANSWER 217 OF 350 MEDLINE
 TI The C-terminal domain of the Gs-coupled EP4 receptor confers agonist-dependent coupling control to Gi but no coupling to Gs in a receptor hybrid with the Gi-coupled EP3 receptor.
 SO FEBS LETTERS, (1997 Jan 20) 401 (2-3) 185-90.
 Journal code: 0155157. ISSN: 0014-5793.
- L1 ANSWER 218 OF 350 MEDLINE
 TI Separate agonist and peptide antagonist binding sites of the oxytocin receptor defined by their transfer into the V2 vasopressin receptor.
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1996 Dec 6) 271 (49) 31593-601.
 Journal code: 2985121R. ISSN: 0021-9258.
- L1 ANSWER 219 OF 350 MEDLINE
 TI Multiple structural elements in voltage-dependent Ca²⁺ channels support their inhibition by G proteins.
 SO NEURON, (1996 Nov) 17 (5) 991-1003.
 Journal code: 8809320. ISSN: 0896-6273.
- L1 ANSWER 220 OF 350 MEDLINE
 TI Phenylalanine in the second membrane-spanning domain of alpha 1A-adrenergic receptor determines subtype selectivity of dihydropyridine antagonists.
 SO BIOCHEMISTRY, (1996 Nov 12) 35 (45) 14312-7.
 Journal code: 0370623. ISSN: 0006-2960.
- L1 ANSWER 221 OF 350 MEDLINE
- TI Molecular biological study on structure and function of the opioid receptor.
 SO MASUI. JAPANESE JOURNAL OF ANESTHESIOLOGY, (1996 Sep) 45 (9) 1060-66.
 Ref: 10
 Journal code: 0413707. ISSN: 0021-4892.
- L1 ANSWER 222 OF 350 MEDLINE
 TI Full activation of chimeric receptors by hybrids between parathyroid hormone and calcitonin. Evidence for a common pattern of ligand-receptor interaction.
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1996 Oct 25) 271 (43) 26469-72.
 Journal code: 2985121R. ISSN: 0021-9258.
- L1 ANSWER 223 OF 350 MEDLINE
 TI Regions in beta-chemokine receptors CCR5 and CCR2b that determine HIV-1 cofactor specificity.
 SO CELL, (1996 Nov 1) 87 (3) 437-46.
 Journal code: 0413066. ISSN: 0092-8674.
- L1 ANSWER 224 OF 350 MEDLINE
 TI Mapping the receptor domains critical for the binding selectivity of delta-opioid receptor ligands.
 SO EUROPEAN JOURNAL OF PHARMACOLOGY, (1996 Sep 12) 311 (2-3) 285-92.
 Journal code: 1254354. ISSN: 0014-2999.
- L1 ANSWER 225 OF 350 MEDLINE
 TI The C-terminal third of the human luteinizing hormone (LH) receptor is important for inositol phosphate release: analysis using chimeric human LH/follicle-stimulating hormone receptors.
 SO MOLECULAR ENDOCRINOLOGY, (1996 Sep) 10 (9) 1127-37.
 Journal code: 8801431. ISSN: 0888-8809.
- L1 ANSWER 226 OF 350 MEDLINE
 TI Genetically probing the regions of ribose-binding protein involved in permease interaction.
 SO MOLECULAR MICROBIOLOGY, (1996 Aug) 21 (4) 695-702.
 Journal code: 8712028. ISSN: 0950-382X.
- L1 ANSWER 227 OF 350 MEDLINE
 TI Coupling of metabotropic glutamate receptors 2 and 4 to G alpha 15, G alpha 16, and chimeric G alpha q/i proteins: characterization of new antagonists.
 SO MOLECULAR PHARMACOLOGY, (1996 Oct) 50 (4) 923-30.
 Journal code: 0035623. ISSN: 0026-895X.
- L1 ANSWER 228 OF 350 MEDLINE
 TI Carboxyl-terminal mutations of Gq alpha and Gs alpha that alter the fidelity of receptor activation.
 SO MOLECULAR PHARMACOLOGY, (1996 Oct) 50 (4) 885-90.
 Journal code: 0035623. ISSN: 0026-895X.
- L1 ANSWER 229 OF 350 MEDLINE
 TI Fibroblast growth factor receptor 1-induced differentiation of endothelial cell line established from tsA58 large T transgenic mice.
 SO CELL GROWTH AND DIFFERENTIATION, (1996 Mar) 7 (3) 383-95.
 Journal code: 9100024. ISSN: 1044-9523.
- L1 ANSWER 230 OF 350 MEDLINE
 TI Role of Sst2 in modulating G protein-coupled receptor signaling.
 SO BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, (1996 Sep 4) 226 (1) 242-6.
 Journal code: 0372516. ISSN: 0006-291X.
- L1 ANSWER 231 OF 350 MEDLINE
 TI Sustained activation of a G protein-coupled receptor via "anchored" agonist binding. Molecular localization of the salmeterol exosite within the 2-adrenergic receptor.

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1996 Sep 27) 271 (39) 24029-35.

Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 232 OF 350 MEDLINE

TI The third intracellular domain of the platelet-activating factor receptor is a critical determinant in receptor coupling to phosphoinositide phospholipase C-activating G proteins. Studies using intracellular domain minigenes and receptor chimeras.

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1996 Sep 20) 271 (38) 23146-53.

Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 233 OF 350 MEDLINE

TI Differential regulation of G-protein-mediated signaling by chemokine receptors.

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1996 Sep 6) 271 (36) 21814-9.

Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 234 OF 350 MEDLINE

TI Galph12 and Galph13 regulate extracellular signal-regulated kinase and c-Jun kinase pathways by different mechanisms in COS-7 cells.

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1996 Aug 30) 271 (35) 21081-7.

Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 235 OF 350 MEDLINE

TI Galanin--a neuropeptide with inhibitory actions.

SO CELLULAR AND MOLECULAR NEUROBIOLOGY, (1995 Dec) 15 (6) 653-73. Ref: 146

Journal code: 8200709. ISSN: 0272-4340.

L1 ANSWER 236 OF 350 MEDLINE

TI The H295R human adrenocortical cell line contains functional atrial natriuretic peptide receptors that inhibit aldosterone biosynthesis.

SO MOLECULAR AND CELLULAR ENDOCRINOLOGY, (1996 Apr 19) 118 (1-2) 137-44.

Journal code: 7500844. ISSN: 0303-7207.

L1 ANSWER 237 OF 350 MEDLINE

TI The amino terminal domain of the glucagon-like peptide-1 receptor is a critical determinant of subtype specificity.

SO RECEPTORS AND CHANNELS, (1996) 4 (1) 9-17.

Journal code: 9315376. ISSN: 1060-6823.

L1 ANSWER 238 OF 350 MEDLINE

TI Mutational analysis and molecular modeling of the nonapeptide hormone binding domains of the [Arg8]vasotocin receptor.

SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF

AMERICA, (1996 Jul 9) 93 (14) 6907-12.

Journal code: 7505876. ISSN: 0027-8424.

L1 ANSWER 239 OF 350 MEDLINE

TI Molecular basis for subtype-specific desensitization of inhibitory adenosine receptors. Analysis of a chimeric A1-A3 adenosine receptor.

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1996 Jun 21) 271 (25) 15272-8.

Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 240 OF 350 MEDLINE

TI Multiple extracellular loop domains contribute critical determinants for agonist binding and activation of the secretin receptor.

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1996 Jun 21) 271 (25) 14944-9.

Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 241 OF 350 MEDLINE

TI A segment of five amino acids in the second extracellular loop of the cholecystokinin-B receptor is essential for selectivity of the peptide

agonist gastrin.

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1996 Jun 21) 271 (25) 14698-706.

Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 242 OF 350 MEDLINE

TI Agonist recognition by proteinase-activated receptor 2 and thrombin receptor. Importance of extracellular loop interactions for receptor function.

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1996 Jun 14) 271 (24) 13943-7.

Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 243 OF 350 MEDLINE

TI Chimeric mutagenesis of putative G-protein coupling domains of the alpha2A-adrenergic receptor. Localization of two redundant and fully competent gi coupling domains.

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1996 May 31) 271 (22) 12826-32.

Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 244 OF 350 MEDLINE

TI Coupling of the c-Cbl protooncogene product to ErbB-1/EGF-receptor but not to other ErbB proteins.

SO ONCOGENE, (1996 Mar 7) 12 (5) 1117-25.

Journal code: 8711562. ISSN: 0950-9232.

L1 ANSWER 245 OF 350 MEDLINE

TI Mutation of a conserved serine in TM4 of opioid receptors confers full agonistic properties to classical antagonists.

SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF

AMERICA, (1996 Jun 11) 93 (12) 5715-9.

Journal code: 7505876. ISSN: 0027-8424.

L1 ANSWER 246 OF 350 MEDLINE

TI Subcellular imaging of intramitochondrial Ca2+ with recombinant targeted aequorin: significance for the regulation of pyruvate dehydrogenase activity.

SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF

AMERICA, (1996 May 28) 93 (11) 5489-94.

Journal code: 7505876. ISSN: 0027-8424.

L1 ANSWER 247 OF 350 MEDLINE

TI The third intracellular domain of the m3 muscarinic receptor determines coupling to calcium influx in transfected Chinese hamster ovary cells.

SO FEBS LETTERS, (1996 May 13) 386 (1) 51-4.

Journal code: 0155157. ISSN: 0014-5793.

L1 ANSWER 248 OF 350 MEDLINE

TI Induction of NFAT-mediated transcription by Gq-coupled receptors in lymphoid and non-lymphoid cells.

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1996 May 3) 271 (18) 10429-32.

Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 249 OF 350 MEDLINE

TI Molecular cloning and functional expression of murine JE (monocyte chemoattractant protein 1) and murine macrophage inflammatory protein 1alpha receptors: evidence for two closely linked C-C chemokine receptors on chromosome 9.

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1996 Mar 29) 271 (13) 7551-8.

Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 250 OF 350 MEDLINE

TI Induction of chinook salmon growth hormone promoter activity by the adenosine 3',5'-monophosphate (cAMP)-dependent pathway involves two cAMP-response elements with the CGTCA motif and the pituitary-specific transcription factor Pit-1.

- SO ENDOCRINOLOGY, (1996 May) 137 (5) 1775-84.
Journal code: 0375040. ISSN: 0013-7227.
- L1 ANSWER 251 OF 350 MEDLINE
TI G alpha 13 stimulates Na⁺-H⁺ exchange through distinct Cdc42-dependent and RhoA-dependent pathways.
- SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1996 Mar 15) 271 (11) 6152-8.
Journal code: 2985121R. ISSN: 0021-9258.
- L1 ANSWER 252 OF 350 MEDLINE
TI ATP-dependent release of glucocorticoid receptors from the nuclear matrix.
- SO MOLECULAR AND CELLULAR BIOLOGY, (1996 May) 16 (5) 1989-2001.
Journal code: 8109087. ISSN: 0270-7306.
- L1 ANSWER 253 OF 350 MEDLINE
TI Distinct receptor domains determine subtype-specific coupling and desensitization phenotypes for human beta1- and beta2-adrenergic receptors.
- SO MOLECULAR PHARMACOLOGY, (1996 Apr) 49 (4) 752-60.
Journal code: 0035623. ISSN: 0026-895X.
- L1 ANSWER 254 OF 350 MEDLINE
TI TPA-induced arrest of erythroid differentiation is coupled with downregulation of GATA-1 and upregulation of GATA-2 in an erythroid cell line SAM-1.
- SO BLOOD, (1996 Feb 1) 87 (3) 999-1005.
Journal code: 7603509. ISSN: 0006-4971.
- L1 ANSWER 255 OF 350 MEDLINE
TI Regulation and targeting of T-cell immune responses by IgE and IgG antibodies.
- SO IMMUNOLOGY, (1995 Nov) 86 (3) 343-50.
Journal code: 0374672. ISSN: 0019-2805.
- L1 ANSWER 256 OF 350 MEDLINE
TI The second intracellular loop of metabotropic glutamate receptor 1 cooperates with the other intracellular domains to control coupling to G-proteins.
- SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1996 Jan 26) 271 (4) 2199-205.
Journal code: 2985121R. ISSN: 0021-9258.
- L1 ANSWER 257 OF 350 MEDLINE
TI Receptors coupled to pertussis toxin-sensitive G-proteins traffic to opposite surfaces in Madin-Darby canine kidney cells. A1 adenosine receptors achieve apical and alpha 2A adrenergic receptors achieve basolateral localization.
- SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1996 Jan 12) 271 (2) 995-1002.
Journal code: 2985121R. ISSN: 0021-9258.
- L1 ANSWER 258 OF 350 MEDLINE
TI Thrombin receptor activating mutations. Alteration of an extracellular agonist recognition domain causes constitutive signaling.
- SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1996 Jan 12) 271 (2) 702-6.
Journal code: 2985121R. ISSN: 0021-9258.
- L1 ANSWER 259 OF 350 MEDLINE
TI Studies on mu and delta opioid receptor selectivity utilizing chimeric and site-mutagenized receptors.
- SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, (1995 Dec 19) 92 (26) 12436-40.
Journal code: 7505876. ISSN: 0027-8424.
- L1 ANSWER 260 OF 350 MEDLINE
TI Dual effect of beta-adrenergic receptors on mitogen-activated protein kinase. Evidence for a beta gamma-dependent activation and a G alpha s-cAMP-mediated inhibition.
- SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1995 Oct 20) 270 (42) 25259-65.
Journal code: 2985121R. ISSN: 0021-9258.
- L1 ANSWER 261 OF 350 MEDLINE
TI Identification of a Gs coupling domain in the amino terminus of the third intracellular loop of the alpha 2A-adrenergic receptor. Evidence for distinct structural determinants that confer Gs versus Gi coupling.
- SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1995 Oct 20) 270 (42) 24753-60.
Journal code: 2985121R. ISSN: 0021-9258.
- L1 ANSWER 262 OF 350 MEDLINE
TI Functional coupling of a mammalian somatostatin receptor to the yeast pheromone response pathway.
- SO MOLECULAR AND CELLULAR BIOLOGY, (1995 Nov) 15 (11) 6188-95.
Journal code: 8109087. ISSN: 0270-7306.
- L1 ANSWER 263 OF 350 MEDLINE
TI Functional properties of the PTH/PTHrP receptor.
- SO BONE, (1995 Aug) 17 (2 Suppl) 39S-42S. Ref: 20
Journal code: 8504048. ISSN: 8756-3282.
- L1 ANSWER 264 OF 350 MEDLINE
TI Determination of structural domains for G protein coupling and ligand binding in beta 3-adrenergic receptor.
- SO MOLECULAR PHARMACOLOGY, (1995 Sep) 48 (3) 492-8.
Journal code: 0035623. ISSN: 0026-895X.
- L1 ANSWER 265 OF 350 MEDLINE
TI Antigen-specific inhibition of IgE binding to the high-affinity receptor.
- SO JOURNAL OF IMMUNOLOGY, (1995 Sep 15) 155 (6) 2948-54.
Journal code: 2985117R. ISSN: 0022-1767.
- L1 ANSWER 266 OF 350 MEDLINE
TI Multiple ligand interactions for bacterial immunoglobulin-binding proteins on human and murine cells of the hematopoietic lineage.
- SO SCANDINAVIAN JOURNAL OF IMMUNOLOGY, (1995 Sep) 42 (3) 359-67.
Journal code: 0323767. ISSN: 0300-9475.
- L1 ANSWER 267 OF 350 MEDLINE
TI Characterization of a ***chimeric*** human dopamine D3/D2 ***receptor*** functionally ***coupled*** to adenylyl cyclase in Chinese hamster ovary cells.
- SO MOLECULAR PHARMACOLOGY, (1995 Aug) 48 (2) 344-51.
Journal code: 0035623. ISSN: 0026-895X.
- L1 ANSWER 268 OF 350 MEDLINE
TI Structure of the rat V1a vasopressin receptor gene and characterization of its promoter region and complete cDNA sequence of the 3'-end.
- SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1995 Aug 25) 270 (34) 20042-50.
Journal code: 2985121R. ISSN: 0021-9258.
- L1 ANSWER 269 OF 350 MEDLINE
TI Adenosine receptors: protein and gene structure.
- SO ARCHIVES INTERNATIONALES DE PHARMACODYNAMIE ET DE THERAPIE, (1995 Jan-Feb) 329 (1) 135-50. Ref: 40
Journal code: 0405353. ISSN: 0301-4533.
- L1 ANSWER 270 OF 350 MEDLINE
TI In vivo cleavability of a disulfide-based chimeric opioid peptide in rat brain.
- SO BIOCONJUGATE CHEMISTRY, (1995 Mar-Apr) 6 (2) 211-8.
Journal code: 9010319. ISSN: 1043-1802.
- L1 ANSWER 271 OF 350 MEDLINE
TI Multiple interacting elements delineate an ecdysone-dependent regulatory region with secondary responsive character.

SO JOURNAL OF MOLECULAR BIOLOGY, (1995 Jun 2) 249 (2) 298-318.
Journal code: 2985088R. ISSN: 0022-2836.

L1 ANSWER 272 OF 350 MEDLINE

TI Critical contributions of amino-terminal extracellular domains in agonist binding and activation of secretin and vasoactive intestinal polypeptide receptors. Studies of chimeric receptors.

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1995 Jun 16) 270 (24) 14394-8.

Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 273 OF 350 MEDLINE

TI A chimeric study of the molecular basis of affinity and selectivity of the kappa and the delta opioid receptors. Potential role of extracellular domains.

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1995 May 26) 270 (21) 12730-6.

Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 274 OF 350 MEDLINE

TI A requirement for Syk in the activation of the microtubule-associated protein kinase/phospholipase A2 pathway by Fc epsilon R1 is not shared by a G protein-coupled receptor.

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1995 May 5) 270 (18) 10960-7.

Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 275 OF 350 MEDLINE

TI Molecular biology and pharmacology of cloned opioid receptors.

SO FASEB JOURNAL, (1995 Apr) 9 (7) 516-25. Ref: 65

Journal code: 8804484. ISSN: 0892-6638.

L1 ANSWER 276 OF 350 MEDLINE

TI Structural basis of G protein specificity of human endothelin receptors. A study with endothelinA/B chimeras.

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1995 Apr 28) 270 (17) 10072-8.

Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 277 OF 350 MEDLINE

TI Binding interactions of human interleukin 5 with its receptor alpha subunit. Large scale production, structural, and functional studies of Drosophila-expressed recombinant proteins.

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1995 Apr 21) 270 (16) 9459-71.

Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 278 OF 350 MEDLINE

TI Carboxyl-terminal domains in the avian beta 1-adrenergic receptor that regulate agonist-promoted endocytosis.

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1995 Mar 24) 270 (12) 6482-7.

Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 279 OF 350 MEDLINE

TI The third intracellular loop of the 5-hydroxytryptamine2A receptor determines effector coupling specificity.

SO JOURNAL OF NEUROCHEMISTRY, (1995 Apr) 64 (4) 1440-7.

Journal code: 2985190R. ISSN: 0022-3042.

L1 ANSWER 280 OF 350 MEDLINE

TI Novel antagonist to agonist switch in ***chimeric*** G protein-***coupled*** alpha-factor peptide ***receptors***.

SO BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, (1995 Feb 15) 207 (2) 559-64.

Journal code: 0372516. ISSN: 0006-291X.

L1 ANSWER 281 OF 350 MEDLINE

TI Characterization of an up-stream thyroid transcription factor-1-binding site in the thyrotropin receptor promoter.

SO ENDOCRINOLOGY, (1995 Jan) 136 (1) 269-82.

Journal code: 0375040. ISSN: 0013-7227.

L1 ANSWER 282 OF 350 MEDLINE

TI Arrestin interactions with G protein-coupled receptors. Direct binding studies of wild type and mutant arrestins with rhodopsin, beta 2-adrenergic, and m2 muscarinic cholinergic receptors.

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1995 Jan 13) 270 (2) 720-31.

Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 283 OF 350 MEDLINE

TI Identification of a novel insulin-responsive element in the rat thyrotropin receptor promoter.

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1994 Dec 16) 269 (50) 31908-14.

Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 284 OF 350 MEDLINE

TI Random ***chimeragenesis*** of G-protein- ***coupled*** ***receptors***. Mapping the affinity of the cAMP chemoattractant ***receptors*** in Dictyostelium.

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1994 Nov 18) 269 (46) 28724-31.

Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 285 OF 350 MEDLINE

TI Molecular biology of vasopressin receptors.

SO SEMINARS IN NEPHROLOGY, (1994 Jul) 14 (4) 341-8. Ref: 57

Journal code: 8110298. ISSN: 0270-9295.

L1 ANSWER 286 OF 350 MEDLINE

TI Vaccinia virus systems for expression of G alpha genes in S49 cells.

SO METHODS IN ENZYMOLOGY, (1994) 237 436-45.

Journal code: 0212271. ISSN: 0076-6879.

L1 ANSWER 287 OF 350 MEDLINE

TI Requirement for kinase activity of CD4-associated p56lck in antibody-triggered T cell signal transduction.

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1994 Sep 30) 269 (39) 24095-101.

Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 288 OF 350 MEDLINE

TI Molecular cloning and functional characterization of a human liver vasoactive intestinal peptide receptor.

SO CELLULAR SIGNALLING, (1994 Mar) 6 (3) 321-33.

Journal code: 8904683. ISSN: 0898-6568.

L1 ANSWER 289 OF 350 MEDLINE

TI Mitochondrial Ca2+ homeostasis in intact cells.

SO JOURNAL OF CELL BIOLOGY, (1994 Sep) 126 (5) 1183-94.

Journal code: 0375356. ISSN: 0021-9525.

L1 ANSWER 290 OF 350 MEDLINE

TI Tyr-129 is important to the peptide ligand affinity and selectivity of human endothelin type A receptor.

SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF

AMERICA, (1994 Jul 19) 91 (15) 7164-8.

Journal code: 7505876. ISSN: 0027-8424.

L1 ANSWER 291 OF 350 MEDLINE

TI The N terminus of interleukin-8 (IL-8) receptor confers high affinity binding to human IL-8.

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1994 Jul 15) 269 (28) 18263-6.

Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 292 OF 350 MEDLINE

TI Analysis of C3b/C3d binding sites and factor I cofactor regions within mouse complement receptors 1 and 2.

- SO JOURNAL OF IMMUNOLOGY, (1994 Jul 15) 153 (2) 789-95.
Journal code: 2985117R. ISSN: 0022-1767.
- L1 ANSWER 293 OF 350 MEDLINE
TI The T cell antigen receptor alpha and beta chains interact via distinct regions with CD3 chains.
- SO EUROPEAN JOURNAL OF IMMUNOLOGY, (1994 Jan) 24 (1) 84-92.
Journal code: 1273201. ISSN: 0014-2980.
- L1 ANSWER 294 OF 350 MEDLINE
TI Insulin and insulin-like growth factor-I receptors similarly stimulate deoxyribonucleic acid synthesis despite differences in cellular protein tyrosine phosphorylation.
- SO ENDOCRINOLOGY, (1994 Jul) 135 (1) 214-22.
Journal code: 0375040. ISSN: 0013-7227.
- L1 ANSWER 295 OF 350 MEDLINE
TI Transmembrane signal transduction by integrin cytoplasmic domains expressed in single-subunit chimeras.
- SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1994 Jun 10) 269 (23) 15961-4.
Journal code: 2985121R. ISSN: 0021-9258.
- L1 ANSWER 296 OF 350 MEDLINE
TI Interaction of dual intracellular signaling pathways activated by the melanocortin-3 receptor.
- SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1994 May 6) 269 (18) 13162-6.
Journal code: 2985121R. ISSN: 0021-9258.
- L1 ANSWER 297 OF 350 MEDLINE
TI Functional role of a cytoplasmic aromatic amino acid in muscarinic receptor-mediated activation of phospholipase C.
- SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1994 Apr 15) 269 (15) 11537-41.
Journal code: 2985121R. ISSN: 0021-9258.
- L1 ANSWER 298 OF 350 MEDLINE
TI Signal transduction by a chimeric insulin-like growth factor-1 (IGF-1) receptor having the carboxyl-terminal domain of the insulin receptor.
- SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1994 Apr 15) 269 (15) 11449-55.
Journal code: 2985121R. ISSN: 0021-9258.
- L1 ANSWER 299 OF 350 MEDLINE
TI Evidence for both tyrosine kinase and G-protein-coupled pathways leading to starfish egg activation.
- SO DEVELOPMENTAL BIOLOGY, (1994 Apr) 162 (2) 590-9.
Journal code: 0372762. ISSN: 0012-1606.
- L1 ANSWER 300 OF 350 MEDLINE
TI The ligand-receptor interactions of the endothelin systems are mediated by distinct "message" and "address" domains.
- SO JOURNAL OF CARDIOVASCULAR PHARMACOLOGY, (1993) 22 Suppl 8 S113-6.
Journal code: 7902492. ISSN: 0160-2446.
- L1 ANSWER 301 OF 350 MEDLINE
TI Rational immunotherapy with ribonuclease chimeras. An approach toward humanizing immunotoxins.
- SO CELL BIOPHYSICS, (1992 Aug-Dec) 21 (1-3) 121-38. Ref: 53
Journal code: 8002185. ISSN: 0163-4992.
- L1 ANSWER 302 OF 350 MEDLINE
TI G alpha 13 stimulates Na-H exchange.
- SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1994 Feb 18) 269 (7) 4721-4.
Journal code: 2985121R. ISSN: 0021-9258.
- L1 ANSWER 303 OF 350 MEDLINE
TI The NH2-terminal region of C5aR but not that of FPR is critical for both protein transport and ligand binding.
- SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1994 Feb 4) 269 (5) 3457-63.
Journal code: 2985121R. ISSN: 0021-9258.
- L1 ANSWER 304 OF 350 MEDLINE
TI Domains involved in the specificity of G protein activation in phospholipase C-coupled metabotropic glutamate receptors.
- SO EMBO JOURNAL, (1994 Jan 15) 13 (2) 342-8.
Journal code: 8208664. ISSN: 0261-4189.
- L1 ANSWER 305 OF 350 MEDLINE
TI Intramolecular interactions in muscarinic acetylcholine receptors studied with chimeric m2/m5 receptors.
- SO MOLECULAR PHARMACOLOGY, (1994 Jan) 45 (1) 61-4.
Journal code: 0035623. ISSN: 0026-895X.
- L1 ANSWER 306 OF 350 MEDLINE
TI Characterization of antibodies to the rat substance P (NK-1) receptor and to a chimeric substance P receptor expressed in mammalian cells.
- SO JOURNAL OF NEUROSCIENCE, (1994 Feb) 14 (2) 834-45.
Journal code: 8102140. ISSN: 0270-6474.
- L1 ANSWER 307 OF 350 MEDLINE
TI Conversion of G-protein specificity of insulin-like growth factor II/mannose 6-phosphate receptor by exchanging of a short region with beta-adrenergic receptor.
- SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, (1993 Dec 15) 90 (24) 11772-6.
Journal code: 7505876. ISSN: 0027-8424.
- L1 ANSWER 308 OF 350 MEDLINE
TI Efficient coupling with phosphatidylinositol 3-kinase, but not phospholipase C gamma or GTPase-activating protein, distinguishes ErbB-3 signaling from that of other ErbB/EGFR family members.
- SO MOLECULAR AND CELLULAR BIOLOGY, (1994 Jan) 14 (1) 492-500.
Journal code: 8109087. ISSN: 0270-7306.
- L1 ANSWER 309 OF 350 MEDLINE
TI Cloning of mouse Ox40: a T cell activation marker that may mediate T-B cell interactions.
- SO JOURNAL OF IMMUNOLOGY, (1993 Nov 15) 151 (10) 5261-71.
Journal code: 2985117R. ISSN: 0022-1767.
- L1 ANSWER 310 OF 350 MEDLINE
TI Thyrotropin-releasing hormone stimulates c-jun and c-fos messenger ribonucleic acid levels: implications for calcium mobilization and protein kinase-C activation.
- SO ENDOCRINOLOGY, (1993 Oct) 133 (4) 1700-7.
Journal code: 0375040. ISSN: 0013-7227.
- L1 ANSWER 311 OF 350 MEDLINE
TI Antigen focusing by specific monomeric immunoglobulin E bound to CD23 on Epstein-Barr virus-transformed B cells.
- SO HUMAN IMMUNOLOGY, (1993 May) 37 (1) 23-30.
Journal code: 8010936. ISSN: 0198-8859.
- L1 ANSWER 312 OF 350 MEDLINE
TI Role of the large extracellular domain of metabotropic glutamate receptors in agonist selectivity determination.
- SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1993 Sep 15) 268 (26) 19341-5.
Journal code: 2985121R. ISSN: 0021-9258.
- L1 ANSWER 313 OF 350 MEDLINE
TI Multiple domains of the N-formyl peptide receptor are required for high-affinity ligand binding. Construction and analysis of chimeric N-formyl peptide receptors.
- SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1993 Aug 25) 268 (24) 18167-75.
Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 314 OF 350 MEDLINE
 TI Binding of wild type and chimeric arrestins to the m2 muscarinic cholinergic receptor.
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1993 Aug 15) 268 (23) 16879-82.
 Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 315 OF 350 MEDLINE
 TI Solution structure by 2D 1H-NMR of a chimeric peptide recognized by galanin and neuropeptide Y receptors.
 SO BIOCHEMISTRY, (1993 Aug 3) 32 (30) 7787-98.
 Journal code: 0370623. ISSN: 0006-2960.

L1 ANSWER 316 OF 350 MEDLINE
 TI Characterisation of a chimeric hD3/D2 dopamine receptor expressed in CHO cells.
 SO FEBS LETTERS, (1993 Jun 7) 324 (1) 81-6.
 Journal code: 0155157. ISSN: 0014-5793.

L1 ANSWER 317 OF 350 MEDLINE
 TI A D1/D2 chimeric dopamine receptor mediates a D1 response to a D2-selective agonist.
 SO FEBS LETTERS, (1993 May 24) 323 (1-2) 59-62.
 Journal code: 0155157. ISSN: 0014-5793.

L1 ANSWER 318 OF 350 MEDLINE
 TI Myeloblastic leukemia cells conditionally blocked by myc-estrogen ***receptor*** ***chimeric*** transgenes for terminal differentiation ***coupled*** to growth arrest and apoptosis.
 SO BLOOD, (1993 May 1) 81 (9) 2257-62.
 Journal code: 7603509. ISSN: 0006-4971.

L1 ANSWER 319 OF 350 MEDLINE
 TI Structural basis for receptor subtype-specific regulation revealed by a chimeric beta 3/beta 2-adrenergic receptor.
 SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, (1993 Apr 15) 90 (8) 3665-9.
 Journal code: 7505876. ISSN: 0027-8424.

L1 ANSWER 320 OF 350 MEDLINE
 TI Distinct subdomains of human endothelin receptors determine their selectivity to endothelinA-selective antagonist and endothelinB-selective agonists.
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1993 Apr 25) 268 (12) 8547-53.
 Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 321 OF 350 MEDLINE
 TI Coexpression studies with mutant muscarinic/adrenergic receptors provide evidence for intermolecular "cross-talk" between G-protein-linked receptors.
 SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, (1993 Apr 1) 90 (7) 3103-7.
 Journal code: 7505876. ISSN: 0027-8424.

L1 ANSWER 322 OF 350 MEDLINE
 TI Chimeric NK1 (substance P)/NK3 (neurokinin B) receptors. Identification of domains determining the binding specificity of tachykinin agonists.
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1993 Apr 15) 268 (11) 7893-8.
 Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 323 OF 350 MEDLINE
 TI Blockade of galanin-induced inhibition of insulin secretion from isolated mouse islets by the non-methionine containing antagonist M35.
 SO EUROPEAN JOURNAL OF PHARMACOLOGY, (1993 Feb 23) 232 (1) 35-9.
 Journal code: 1254354. ISSN: 0014-2999.

L1 ANSWER 324 OF 350 MEDLINE
 TI Use of bispecific heteroconjugated antibodies (anti-T cell antigen receptor x anti-MHC class II) to study activation of T cells with a full length or truncated antigen receptor zeta-chain.
 SO JOURNAL OF IMMUNOLOGY, (1993 Mar 15) 150 (6) 2211-21.
 Journal code: 2985117R. ISSN: 0022-1767.

L1 ANSWER 325 OF 350 MEDLINE
 TI Monoclonal antibodies in the management of ovarian cancer. A clinical perspective.
 SO CANCER, (1993 Feb 15) 71 (4 Suppl) 1602-12. Ref: 74
 Journal code: 0374236. ISSN: 0008-543X.

L1 ANSWER 326 OF 350 MEDLINE
 TI Specific activation and targeting of cytotoxic lymphocytes through chimeric single chains consisting of antibody-binding domains and the gamma or zeta subunits of the immunoglobulin and T-cell receptors.
 SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, (1993 Jan 15) 90 (2) 720-4.
 Journal code: 7505876. ISSN: 0027-8424.

L1 ANSWER 327 OF 350 MEDLINE
 TI Characterization and genetic analysis of functional corticotropin-releasing hormone receptors in primary cerebellar cultures.
 SO JOURNAL OF NEUROCHEMISTRY, (1993 Feb) 60 (2) 696-703.
 Journal code: 2985190R. ISSN: 0022-3042.

L1 ANSWER 328 OF 350 MEDLINE
 TI Signaling function of reconstituted CD16: zeta: gamma receptor complex isoforms.
 SO INTERNATIONAL IMMUNOLOGY, (1992 Nov) 4 (11) 1313-23.
 Journal code: 8916182. ISSN: 0953-8178.

L1 ANSWER 329 OF 350 MEDLINE
 TI The carboxy terminal 110 amino acid portion of the insulin receptor is important for insulin signalling to pyruvate dehydrogenase.
 SO BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, (1992 Dec 15) 189 (2) 906-11.
 Journal code: 0372516. ISSN: 0006-291X.

L1 ANSWER 330 OF 350 MEDLINE
 TI Amino terminus of the interleukin-8 receptor is a major determinant of receptor subtype specificity.
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1992 Dec 15) 267 (35) 25402-6.
 Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 331 OF 350 MEDLINE
 TI Delineation of structural domains involved in the subtype specificity of tachykinin receptors through chimeric formation of substance P/substance K receptors.
 SO EMBO JOURNAL, (1992 Oct) 11 (10) 3585-91.
 Journal code: 8208664. ISSN: 0261-4189.

L1 ANSWER 332 OF 350 MEDLINE
 TI Cytotoxic ribonuclease chimeras. Targeted tumoricidal activity in vitro and in vivo.
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1992 Sep 25) 267 (27) 19572-8.
 Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 333 OF 350 MEDLINE
 TI Signal transduction by the neu/erbB-2 receptor: a potential target for anti-tumor therapy.
 SO JOURNAL OF STEROID BIOCHEMISTRY AND MOLECULAR BIOLOGY, (1992 Sep) 43 (1-3) 95-103. Ref: 47
 Journal code: 9015483. ISSN: 0960-0760.

L1 ANSWER 334 OF 350 MEDLINE
 TI Coupling of adenovirus to transferrin-polylysine/DNA complexes greatly enhances receptor-mediated gene delivery and expression of transfected genes.
 SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, (1992 Jul 1) 89 (13) 6099-103.
 Journal code: 7505876. ISSN: 0027-8424.

L1 ANSWER 335 OF 350 MEDLINE
 TI Regulated coupling of the Neu receptor to phosphatidylinositol 3'-kinase and its release by oncogenic activation.
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1992 Jun 15) 267 (17) 12266-74.
 Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 336 OF 350 MEDLINE
 TI Molecular structure and granulocyte/macrophage colony-stimulating factor activity.
 SO DNA AND CELL BIOLOGY, (1992 Apr) 11 (3) 183-91.
 Journal code: 9004522. ISSN: 1044-5498.

L1 ANSWER 337 OF 350 MEDLINE
 TI Evolving concepts of partial agonism. The beta-adrenergic receptor as a paradigm.
 SO BIOCHEMICAL PHARMACOLOGY, (1992 Jan 22) 43 (2) 119-30. Ref: 68
 Journal code: 0101032. ISSN: 0006-2952.

L1 ANSWER 338 OF 350 MEDLINE
 TI Structure and function of G protein coupled receptors.
 SO PHARMACOLOGY AND THERAPEUTICS, (1991) 50 (3) 425-42. Ref: 147
 Journal code: 7905840. ISSN: 0163-7258.

L1 ANSWER 339 OF 350 MEDLINE
 TI Structure-function relationships in the mast cell high affinity receptor for IgE. Role of the cytoplasmic domains and of the beta subunit.
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1991 Nov 25) 266 (33) 22613-20.
 Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 340 OF 350 MEDLINE
 TI Specificity for molecules of the major histocompatibility complex mediated by a hybrid immunoglobulin-T cell receptor.
 SO NEW BIOLOGIST, (1991 May) 3 (5) 487-97.
 Journal code: 9000976. ISSN: 1043-4674.

L1 ANSWER 341 OF 350 MEDLINE
 TI A specific combination of substrates is involved in signal transduction by the kit-encoded receptor.
 SO EMBO JOURNAL, (1991 Mar) 10 (3) 647-54.
 Journal code: 8208664. ISSN: 0261-4189.

L1 ANSWER 342 OF 350 MEDLINE
 TI Regions of the alpha 1-adrenergic receptor involved in coupling to phosphatidylinositol hydrolysis and enhanced sensitivity of biological function.
 SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, (1990 Apr) 87 (8) 2896-900.
 Journal code: 7505876. ISSN: 0027-8424.

L1 ANSWER 343 OF 350 MEDLINE
 TI Chimeric muscarinic cholinergic: beta-adrenergic receptors that activate Gs in response to muscarinic agonists.
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1990 Apr 15) 265 (11) 6219-24.
 Journal code: 2985121R. ISSN: 0021-9258.

L1 ANSWER 344 OF 350 MEDLINE
 TI Chimeric immunoglobulin-T cell receptor proteins form functional receptors: implications for T cell receptor complex formation and

activation.
 SO CELL, (1990 Mar 23) 60 (6) 929-39.
 Journal code: 0413066. ISSN: 0092-8674.

L1 ANSWER 345 OF 350 MEDLINE
 TI Mutational analysis of a lactogenic hormone reveals a role for lactogen-specific amino acid residues in receptor binding and mitogenic activity.
 SO MOLECULAR ENDOCRINOLOGY, (1989 Dec) 3 (12) 1987-95.
 Journal code: 8801431. ISSN: 0888-8809.

L1 ANSWER 346 OF 350 MEDLINE
 TI Identification of a small intracellular region of the muscarinic m3 receptor as a determinant of selective coupling to PI turnover.
 SO FEBS LETTERS, (1989 Nov 20) 258 (1) 133-6.
 Journal code: 0155157. ISSN: 0014-5793.

L1 ANSWER 347 OF 350 MEDLINE
 TI Chimeric alpha 2-,beta 2-adrenergic receptors: delineation of domains involved in effector coupling and ligand binding specificity.
 SO SCIENCE, (1988 Jun 3) 240 (4857) 1310-6. Ref: 18
 Journal code: 0404511. ISSN: 0036-8075.

L1 ANSWER 348 OF 350 MEDLINE
 TI Chimeric peptides as a vehicle for peptide pharmaceutical delivery through the blood-brain barrier.
 SO BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, (1987 Jul 15) 146 (1) 307-13.
 Journal code: 0372516. ISSN: 0006-291X.

L1 ANSWER 349 OF 350 MEDLINE
 TI Factors controlling the differentiation and cancerization of murine erythroleukemia cells.
 SO GAN TO KAGAKU RYOHO [JAPANESE JOURNAL OF CANCER AND CHEMOTHERAPY], (1987 Jun) 14 (6 Pt 2) 1989-95.
 Journal code: 7810034. ISSN: 0385-0684.

L1 ANSWER 350 OF 350 MEDLINE
 TI Autonomous expression of c-myc in BC3H1 cells partially inhibits but does not prevent myogenic differentiation.
 SO MOLECULAR AND CELLULAR BIOLOGY, (1987 May) 7 (5) 1973-7.
 Journal code: 8109087. ISSN: 0270-7306.

=> log y

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	18.26	18.47

STN INTERNATIONAL LOGOFF AT 12:21:55 ON 11 SEP 2002